FACTORY SYSTEMS

RESIN COATINGS
FOR INDUSTRIAL FLOORING
In an industrial context, resin coatings have the aim and purpose of improving the technical and aesthetic performance of newly constructed concrete floors, but above all they offer the ability to recover and enhance existing industrial flooring, without the need for demolition.

The Factory Systems have been designed to offer the most suitable cycle for every functional need, in every situation.

As a result, this guide does not merely intend to be a list of systems, but an effective tool to ensure that each time a system is selected it will be the most specific both in terms of performance and compatibility with the technical features and conservation of the existing flooring, and in terms of its suitability for the specific conditions and operating times required.

To make proper use of the proposed materials and to ensure the success of the operation it is essential that the installer follows the instructions provided in each of the product technical sheets carefully.

It is understood that this information is drawn up based on our best technical and applicative knowledge. As it is not possible for us to directly check the conditions on-site and the execution of the work, this information represents general indications. The operators and designers will be responsible for checking the suitability of the system indicated in each individual case. We are at your disposal for any clarification or support that may be required.
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系统创建呼吸性、浸渍性浸渍漆混凝土工业地板。改善地板防尘效果，减少水和油的吸收。

**数据表**

**使用区域**
浸渍处理光滑或干燥型矿物完成混凝土地板在仓库、车库、叉车通道区域、存储区。适用于全新或完全未受损和未污染的混凝土地板。仅限内部使用。

**基材**
基材必须是厚度适合所承受负荷的厚度，必须是稳定的，非可变形和紧凑的。基材必须适当准备。基材的表面应无油、油脂、分离剂、松散、薄片或未充分锚定的部分。基材应在5天内完成地板施工后准备。

**应用**
使用滚轮将第一层试剂与水按以下比例稀释-水：试剂EP=6：1，每平方米约20克，根据基材的吸水性。待地板准备好承受脚行后，方可进行下一层。

使用滚轮将第二层试剂与水按以下比例稀释-水：试剂EP=4：1，每平方米约30克，根据基材的吸水性。
- TRANSPARENT SEMI-GLOSS SMOOTH FINISH
- SUITABLE FOR NEW INDUSTRIAL FLOORS, INCLUDING NOT CURED FLOORS
- REDUCES DUST FORMATION AND THE ABSORPTION OF LIQUIDS
- SUITABLE FOR VEHICULAR AND INDUSTRIAL TRAFFIC

**Finishing ≈ 30 g/m²**

**Factory Eco Base EP**

**Finishing ≈ 20 g/m²**

**Factory Eco Base EP**

**Power washing / Sanding**

**Power washing**: treatment carried out using a jet of water, preferably at high temperature, at a pressure in excess of 25 mPa and if necessary with the aid of specific detergents in the presence of oily substances.

**Sanding**: treatment carried out using a machine fitted with a rotating plate supporting an abrasive fabric, paper or mesh disk.

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**System 1 consumption summary - Impregnation:**

<table>
<thead>
<tr>
<th>Product</th>
<th>Consumption</th>
<th>Code</th>
<th>Pack</th>
</tr>
</thead>
<tbody>
<tr>
<td>Factory Eco Base EP</td>
<td>≈ 0,05 kg/m²</td>
<td>01836 Part A</td>
<td>5 kg</td>
</tr>
<tr>
<td></td>
<td></td>
<td>01837 Part B</td>
<td>5 kg</td>
</tr>
</tbody>
</table>

**Special notes**
As it is not possible to intervene directly on site conditions and on execution of the works, these indications refer exclusively to the technical characteristics of the products supplied, and not on the work required to install them. The user is always required to assess on site to ensure that the products are suitable for the use to which they are put, always following the indications on the technical documentation and on the packaging. Make sure that the products are not tampered with and that they are stored in compliance with the indications on the packaging and in the technical sheets.
SYSTEM 2

APPLIED COAT

THIN FILM

System to create coloured applied coatings for concrete industrial floors.
Improves the dust-proofing characteristics of the floor and reduces the absorption of water and oils.
Increases resistance to surface abrasion.

DATA SHEET

Areas of use
Coating of smoothed or dry-shake quartz finished concrete floors in areas subject to light traffic such as warehouses, garages, storage areas. Suitable for new or perfectly undamaged and unpolluted concrete floors. Not recommended for high levels of vehicle transit and industrial traffic. For internal use.

Substrate
The substrate must be of a thickness suitable for the loads to which it will be subjected, and must be stable, non-deformable, compact, must have already completed the hygrometric shrinkage curing period an must be free from residual moisture rising (max 2% for traditional screeds, 3% for concrete floors) or in counterthrust. The substrates must be mechanically prepared.
After cleaning and preparation, the substrates must have a surface tear strength under UNI 8298-1, > 1.5 N/mm² and a compressive strength in compliance with UNI 9189, UNI 6132, UNI 10157, > 25 N/mm².

Preparation of substrates
The substrates must be free from oil, grease, separating agents, loose, flaky or imperfectly anchored parts. They must be prepared by sanding or smoothing and dust must be thoroughly removed using a suitable vacuum cleaner. Control joints must be cut or opened, cleaned and all dust removed.

Application
Priming of the substrate with Slc® Eco EP21 diluted with Keragrip Eco Pulep by up to 30% according to the absorbency of the substrate. Apply evenly with a brush or roller in a single coat, at a coverage of ≈ 200 ml/m², taking care to remove any build-up. Wait for the product to harden before proceeding with application of the next coat.

Application by roller of a first coat of Factory Eco Colormaxi EP with a coverage of ≈ 150 g. Wait for the product to harden before proceeding with application of the next coat.
- COLOURED SEMI-GLOSS TEXTURED FINISH
- SUITABLE FOR NEW INDUSTRIAL FLOORING
- REDUCES DUST FORMATION AND THE ABSORPTION OF LIQUIDS
- SUITABLE FOR LOW INTENSITY VEHICLE TRAFFIC

<table>
<thead>
<tr>
<th>Coloured finish</th>
<th>Factory Eco Colormaxi EP</th>
</tr>
</thead>
<tbody>
<tr>
<td>≈ 120 g/m²</td>
<td>Multi-purpose, eco-friendly, high-performance coloured organic mineral covering for industrial floors, ideal for use in GreenBuilding. Two-component, safeguards the health of operators.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Coloured finish</th>
<th>Factory Eco Colormaxi EP</th>
</tr>
</thead>
<tbody>
<tr>
<td>≈ 150 g/m²</td>
<td>Multi-purpose, eco-friendly, high-performance coloured organic mineral covering for industrial floors, ideal for use in GreenBuilding. Two-component, safeguards the health of operators.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Priming</th>
<th>Slc® Eco EP21</th>
</tr>
</thead>
<tbody>
<tr>
<td>≈ 200 ml/m²</td>
<td>Certified, eco-friendly, organic resin for the consolidation of absorbent substrate, ideal for use in GreenBuilding. Two-component, solvent-free and with very low volatile organic compound emissions, safeguards the health of operators.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Preparation of the substrate</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sanding: treatment carried out using a machine fitted with a rotating plate supporting an abrasive fabric, paper or mesh disk.</td>
<td>16-24 hrs</td>
</tr>
<tr>
<td>Smoothing or grinding: treatment carried out using a machine rotating on its vertical axis with plates to which abrasive tools are fixed.</td>
<td>12-24 hrs</td>
</tr>
</tbody>
</table>

Application by roller of a second coat of Factory Eco Colormaxi EP with a coverage of ≈ 120 g/m² (if necessary dilute by 5% with Slc® Eco DD).

**SYSTEM 2 consumption summary - THIN FILM (250 μm):**

<table>
<thead>
<tr>
<th>Product</th>
<th>Consumption</th>
<th>Code</th>
<th>Pack</th>
</tr>
</thead>
<tbody>
<tr>
<td>Slc® Eco EP21</td>
<td>≈ 0.2 l/m²</td>
<td>11207 Part A</td>
<td>4x5 l</td>
</tr>
<tr>
<td></td>
<td></td>
<td>05152 Part B</td>
<td>4x2 l</td>
</tr>
<tr>
<td>Factory Eco Colormaxi EP</td>
<td>≈ 0.27 kg/m²</td>
<td>Part A colour code</td>
<td>10 kg</td>
</tr>
<tr>
<td></td>
<td></td>
<td>02903 Part B</td>
<td>2x3 kg</td>
</tr>
</tbody>
</table>

**Treatment of joints**
All the dynamic contraction and construction joints must be cut, prepared by inserting a suitable sub-joint layer and sealed with Fugabella® Eco PU 40.

**Special notes**
As it is not possible to intervene directly on site conditions and on execution of the works, these indications refer exclusively to the technical characteristics of the products supplied, and not on the work required to install them. The user is always required to assess on site to ensure that the products are suitable for the use to which they are put, always following the indications on the technical documentation and on the packaging. Make sure that the products are not tampered with and that they are stored in compliance with the indications on the packaging and in the technical sheets.
**APPLIED COAT**

**THICK FILM**

System to create coloured applied coatings for concrete industrial floors. Improves the dust-proofing features of the flooring and makes the floor impermeable to water, oils, hydrocarbons and liquids used for food purposes. Increases resistance to surface abrasion.

**DATA SHEET**

**Areas of use**
Coating of smoothed or dry-shake quartz finished concrete floors in warehouses, garages, storage areas, covered parking areas. Suitable for new concrete floors including those with cracks, provided they are stable, and slight surface irregularities. Not recommended for high levels of vehicle transit or industrial traffic. Not suitable as a waterproofing system. For internal use.

**Substrate**
The substrate must be of a thickness suitable for the loads to which it will be subjected, and must be stable, non-deformable, compact, must have already completed the hygrometric shrinkage curing period an must be free from residual moisture rising (max 2% for traditional screeds, 3% for concrete floors) or in counterthrust. The substrates must be mechanically prepared. After cleaning and preparation, the substrates must have a surface tear strength under UNI 8298-1, > 1.5 N/mm² and a compressive strength in compliance with UNI 9189, UNI 6132, UNI 10157, > 25 N/mm².

**Preparation of substrates**
The substrates must be free from oil, grease, separating agents, loose, flaky or imperfectly anchored parts. They must be prepared by smoothing and dust must be thoroughly removed using a suitable vacuum cleaner. Control joints must be cut or opened, cleaned and all dust removed.

**Application**
Priming of the screed with Slc® Eco EP21 diluted with Keragrip Eco Pulep by up to 30% according to the absorbency of the substrate. Apply evenly with a brush or roller in a single coat, at a coverage of ≈ 200 ml/m², taking care to remove any build-up. Wait for the product to harden before proceeding with application of the next coat.

Complete smoothing off of the group obtained by mixing Slc® Eco EP21 with the addition of the thickening additive Factory Tixolight = 5 – 10% by weight (the percentage of additive varies according to the size of any cracks to be filled). Slc® Eco EP21 coverage = 400 – 600 ml/m². Wait for the product to harden before proceeding with application of the next coat.
**SYSTEM 3 / Thick Film**

**COLOURED SEMI-GLOSS TEXTURED FINISH**
- Suitable for new industrial flooring
- Impermeable to water and oils
- Suitable for medium intensity vehicle traffic

### Coloured finish
- Factory Eco Colormaxi EP
  
- Factory Eco Colormaxi EP

### Smoothing
- Slc® Eco EP21: Factory Tixolight

### Priming
- Slc® Eco EP21
  - Certified, eco-friendly, organic resin for the consolidation of absorbent substrate, ideal for use in GreenBuilding. Two-component, solvent-free and with very low volatile organic compound emissions, safeguards the health of operators.

### Preparation of the substrate
- Smoothing or grinding: treatment carried out using a machine rotating on its vertical axis with plates to which abrasive tools are fixed.

Application by roller of a first coat of Factory Eco Colormaxi EP with a coverage of ≈ 150 g. Wait for the product to harden before proceeding with application of the next coat.

Application by roller of a second coat of Factory Eco Colormaxi EP with a coverage of ≈ 120 g/m² (if necessary dilute by 5% with Slc® Eco DD).

**SYSTEM 3 consumption summary - Thick Film (600 μm):**

<table>
<thead>
<tr>
<th>Product</th>
<th>Consumption</th>
<th>Code</th>
<th>Pack</th>
</tr>
</thead>
<tbody>
<tr>
<td>Slc® Eco EP21</td>
<td>≈ 0,6 - 0,8 l/m²</td>
<td>11207 Part A</td>
<td>4x5 l</td>
</tr>
<tr>
<td></td>
<td></td>
<td>05152 Part B</td>
<td>4x2 l</td>
</tr>
<tr>
<td>Factory Tixolight</td>
<td>≈ 0,04 - 0,06 kg/m²</td>
<td>06545</td>
<td>1 kg</td>
</tr>
<tr>
<td>Factory Eco Colormaxi EP</td>
<td>≈ 0,27 kg/m²</td>
<td>Part A colour code</td>
<td>10 kg</td>
</tr>
<tr>
<td></td>
<td></td>
<td>02903 Part B</td>
<td>2x3 kg</td>
</tr>
</tbody>
</table>

**Treatment of joints**

All the dynamic contraction and construction joints must be cut, prepared by inserting a suitable sub-joint layer and sealed with Fugabella® Eco PU 40.

**Special notes**

As it is not possible to intervene directly on site conditions and on execution of the works, these indications refer exclusively to the technical characteristics of the products supplied, and not on the work required to install them. The user is always required to assess on site to ensure that the products are suitable for the use to which they are put, always following the indications on the technical documentation and on the packaging. Make sure that the products are not tampered with and that they are stored in compliance with the indications on the packaging and in the technical sheets.
System to create coloured applied coatings for concrete industrial floors.
Improves the dust-proofing features of the flooring and makes the floor impermeable to water, oils, hydrocarbons and liquids used for food purposes.
Increases resistance to surface abrasion.

**Hardness**
- New: 4
- Semi-new: 3

**Thickness**
- ~ 1.5 mm

**No. coats**
- 4

**Resistance to abrasion**
- New: 4
- Semi-new: 3

**Resistance to traffic**
- New: 4
- Semi-new: 3

**Substrate type**
- New
- Semi-new

**Waiting time**
- Ready for normal use: 6 days
- Ready for foot traffic: 3 days

**Concrete substrate**
**COLOURED SEMI-GLOSS TEXTURED FINISH.**  
**NON-SLIP FINISH OPTION**  
**IMPERMEABLE TO WATER AND OILS**  
**SUITEABLE FOR NEW OR SLIGHTLY WORN INDUSTRIAL FLOORING**

<table>
<thead>
<tr>
<th>Coloured finish</th>
<th>Factory Eco Colormaxi EP</th>
<th>Factory Eco Colormaxi EP : Quarzo 1.3</th>
<th>Quarzo 1.3</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>“Optional” dusting to create a non-slip finish</th>
<th>= 1,5 kg/m²</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Coloured finish</th>
<th>= 0,4 kg/m² : 0,4 kg/m²</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Dusting to saturation point</th>
<th>= 1,5 kg/m²</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Correction with finishing product</th>
<th>= 0,9 – 1,5 kg/m²</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Priming</th>
<th>= 200 – 400 ml/m²</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Time</th>
<th>Preparation of the substrate</th>
</tr>
</thead>
</table>

**SYSTEM 4 / Multi-layer flooring 1.5**

- **COLOURED SEMI-GLOSS TEXTURED FINISH.**
- **NON-SLIP FINISH OPTION**
- **IMPERMEABLE TO WATER AND OILS**
- **SUITEABLE FOR NEW OR SLIGHTLY WORN INDUSTRIAL FLOORING**

**Priming**

**Keralevel® Eco Floor**

Elastic, eco-friendly, organic mineral finishing product for the high-resistance and high-adhesion correction of irregular substrates, whether absorbent or non-absorbent, ideal for use in GreenBuilding. Two-component with reduced solvent content.

**Slo® Eco EP21**

Certified, eco-friendly, organic resin for the consolidation of absorbent substrate, ideal for use in GreenBuilding. Two-component, solvent-free and with very low volatile organic compound emissions, safeguards the health of operators.

**Preparation of the substrate**

Smoothing or grinding: treatment carried out using a machine rotating on its vertical axis with plates to which abrasive tools are fixed.

<table>
<thead>
<tr>
<th>Time</th>
<th>Preparation of the substrate</th>
</tr>
</thead>
</table>

| waiting time | 16-24 hrs |

| waiting time | 12-24 hrs |

| waiting time | 1-4 hrs |

**Concrete substrate**

**Smoothing**

Preparation of the substrate:

- Smoothing or grinding: treatment carried out using a machine rotating on its vertical axis with plates to which abrasive tools are fixed.
System to create coloured applied coatings for concrete industrial floors. Improves the dust-proofing features of the flooring and makes the floor impermeable to water, oils, hydrocarbons and liquids used for food purposes. Increases resistance to surface abrasion.

Areas of use
Coating of smoothed or dry-shake quartz finished concrete floors in offices, laboratories, warehouses, garages, storage areas, covered parking areas. Suitable for newly constructed or slightly worn concrete floors. Not recommended for medium or high levels of industrial traffic. Not suitable as a waterproofing system. For internal use.

Substrate
The resin flooring substrate must be of a thickness suitable for the loads to which it will be subjected, and must be stable, non-deformable, compact, must have already completed the hygrometric shrinkage curing period and must be free from residual moisture rising (max 2% for traditional screeds, 3% for concrete floors) or in counterthrust.

The substrates must be mechanically prepared. After cleaning and preparation, the substrates must have a surface tear strength under UNI 8298-1, > 1.5 N/mm² and a compressive strength in compliance with UNI 9189, UNI 6132, UNI 10157, > 25 N/mm².

Preparation of substrates
The substrates must be free from oil, grease, separating agents, loose, flaky or imperfectly anchored parts. They must be prepared by smoothing and dust must be thoroughly removed using a suitable vacuum cleaner. Control joints must be cut or opened, cleaned and all dust removed.

Application
Priming of the screed with Slic® Eco EP21 diluted with Keragrip Eco Pulep by up to 30% according to the absorbency of the substrate. Apply evenly with a brush or roller in a single coat, at a coverage of ≈ 200 ml/m², (≈ 400 – 600 ml/m² in the case of in-depth consolidation) taking care to remove any build-up. Wait for the product to be absorbed completely and for any solvents to have fully evaporated before applying the next coat.

Application of Keralevel® Eco Floor over the whole surface using a spreader, to level and even out the substrate, coverage on screed ≈ 0.9 kg/m² (= 1.5 kg/m² per mm thickness). While still fresh, dust the surface to saturation with Quarzo 1.3, with a coverage of ≈ 1.5 kg/m². Wait for the product to harden before proceeding with application of the next coat.

Removal of any excess quartz and subsequent sanding to even up the floor.

Application by spreader of Factory Eco Colormaxi EP mixed with Quarzo 1.3 in a ratio of 1 : 1, with a coverage of ≈ 400 g/m² of Factory Eco Colormaxi EP and 400 g/m² of Quarzo 1.3. Wait for the product to harden before proceeding with application of the next coat.

Sanding to even up the floor and remove any ridges.

(*) For a coating with a non-slip effect, dust the surface to saturation while still fresh with Quarzo 1.3, at a coverage of ≈ 1.5 kg/m², and wait for the product to harden before applying the next coat.

Removal of any excess quartz and subsequent sanding to even up the floor.

Application of Factory Eco Colormaxi EP with a coverage of ≈ 120 g/m² (if necessary dilute by 5% with Slic® Eco DD).
SYSTEM 4 consumption summary - Multi-layer flooring 1.5 (1.5 mm):

<table>
<thead>
<tr>
<th>Product</th>
<th>Consumption</th>
<th>Code</th>
<th>Pack</th>
</tr>
</thead>
<tbody>
<tr>
<td>SIC® Eco EP21</td>
<td>0.2 ℓ/㎡</td>
<td>11207 Part A</td>
<td>4x5 ℓ</td>
</tr>
<tr>
<td></td>
<td></td>
<td>05152 Part B</td>
<td>4x2 ℓ</td>
</tr>
<tr>
<td>Keralevel® Eco Floor</td>
<td>≈ 0.9 kg/㎡</td>
<td>06640 Part A</td>
<td>9.25 kg</td>
</tr>
<tr>
<td></td>
<td></td>
<td>06641 Part B</td>
<td>4x0.75 kg</td>
</tr>
<tr>
<td>Quarzo 1.3</td>
<td>≈ 2 kg/㎡ (*+1.5 kg/㎡ for “optional” dusting)</td>
<td>01133</td>
<td>25 kg</td>
</tr>
<tr>
<td>Factory Eco Colormaxi EP</td>
<td>≈ 0.52 kg/㎡</td>
<td>Part A colour code</td>
<td>10 kg</td>
</tr>
<tr>
<td></td>
<td></td>
<td>02903 Part B</td>
<td>2x3 kg</td>
</tr>
</tbody>
</table>

**Treatment of joints**
All the dynamic contraction and construction joints must be cut, prepared by inserting a suitable sub-joint layer and sealed with Fugabella® Eco PU 40.

**Special notes**
As it is not possible to intervene directly on site conditions and on execution of the works, these indications refer exclusively to the technical characteristics of the products supplied, and not on the work required to install them. The user is always required to assess on site to ensure that the products are suitable for the use to which they are put, always following the indications on the technical documentation and on the packaging. Make sure that the products are not tampered with and that they are stored in compliance with the indications on the packaging and in the technical sheets.
APPLIED COAT
MULTI-LAYER FLOORING 3.0

System to create coloured applied coatings for concrete industrial floors.
Improves the dust-proofing characteristics of the flooring, making the floor impermeable to water, oils, hydrocarbons and liquids used for food purposes.
Increases resistance to surface abrasion.

• COLOURED SEMI-GLOSS TEXTURED FINISH. NON-SLIP FINISH OPTION
• IMPERMEABLE TO WATER AND OILS
• SUITABLE FOR INDUSTRIAL FLOORS, INCLUDING THOSE THAT ARE WORN, CRACKED AND WITH SURFACE POLLUTION
• SUITABLE FOR HIGH INTENSITY VEHICLE TRAFFIC AND LOW INTENSITY INDUSTRIAL TRAFFIC
<table>
<thead>
<tr>
<th>Process</th>
<th>Description</th>
<th>Material/Component</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>“Optional” dusting to create a non-slip finish</td>
<td>Quarzo 1.3</td>
<td>Eco-friendly, calibrated, controlled granulometry mineral quartz, washed and free of organic impurities, perfectly dry, ideal for use in GreenBuilding.</td>
<td></td>
</tr>
<tr>
<td>Dusting to saturation point</td>
<td>Quarzo 1.3</td>
<td>Eco-friendly, calibrated, controlled granulometry mineral quartz, washed and free of organic impurities, perfectly dry, ideal for use in GreenBuilding.</td>
<td></td>
</tr>
<tr>
<td>Correction with finishing product</td>
<td>Keralevel® Eco Floor</td>
<td>Elastic, eco-friendly, organic mineral finishing product for the high-resistance and high-adhesion correction of irregular substrates, whether absorbent or non-absorbent, ideal for use in GreenBuilding. Two-component with reduced solvent content.</td>
<td></td>
</tr>
<tr>
<td>Dusting to saturation point</td>
<td>Quarzo 1.3</td>
<td>Eco-friendly, calibrated, controlled granulometry mineral quartz, washed and free of organic impurities, perfectly dry, ideal for use in GreenBuilding.</td>
<td></td>
</tr>
<tr>
<td>Mesh + Finishing</td>
<td>Net 90 + Keralevel® Eco Floor</td>
<td>Alkali-resistant fibreglass reinforcing mesh to strengthen synthetic and mineral finishing coats. Elastic, eco-friendly, organic mineral finishing product for the high-resistance and high-adhesion correction of irregular substrates, whether absorbent or non-absorbent, ideal for use in GreenBuilding. Two-component with reduced solvent content.</td>
<td></td>
</tr>
<tr>
<td>Smoothing / Peening</td>
<td>Preparation of the substrate</td>
<td>Smoothing or grinding: treatment carried out using a machine rotating on its vertical axis with plates to which abrasive tools are fixed. Shot Peening: treatment carried out using a machine that advances at an adjustable speed, projecting spherical metallic aggregates onto the substrate and fitted with a suction device that recovers the abrasive elements and eroded material and separates them.</td>
<td></td>
</tr>
</tbody>
</table>

**Waiting time**
- 16-24 hrs
- 12-24 hrs
- 1-4 hrs
System to create coloured applied coatings for concrete industrial floors. Improves the dust-proofing features of the flooring and makes the floor impermeable to water, oils, hydrocarbons and liquids used for food purposes. Increases resistance to surface abrasion.

**Areas of use**
Coating of smoothed or dry-shake quartz finished concrete floors in offices, laboratories, warehouses, garages, storage areas, covered parking areas, fork lift truck transit areas. Suitable for new or worn concrete floors, with surface pollution and cracks. Not recommended for high levels of industrial traffic. Not suitable as a waterproofing system. For internal use.

**Substrate**
The resin flooring substrate must be of a thickness suitable for the loads to which it will be subjected, and must be stable, non-deformable, compact, must have already completed the hygroscopic shrinkage curing period and must be free from residual moisture rising (max 3% for concrete floors) or in counterthrust.
The substrates must be mechanically prepared. After cleaning and preparation, the substrates must have a surface tear strength under UNI 8298-1, > 1.5 N/mm² and a compressive strength in compliance with UNI 9189, UNI 6132, UNI 10157, > 25 N/mm².

**Preparation of substrates**
The substrates must be free from oil, grease, deeply absorbed layers of pollution, loose, flaky or imperfectly anchored parts. They must be prepared by smoothing or shot peening and dust must be thoroughly removed using a suitable vacuum cleaner. Control joints must be cut or opened, cleaned and all dust removed.

**Application**
Prime the screed with Slc® Eco EP21 diluted with Keragrip eco Pulep by up to 30% according to the absorbency of the substrate and apply evenly with a brush or roller in a single coat, at a coverage of ≈ 200 ml/m² (≈ 400 – 600 ml/m² in case of in-depth consolidation) taking care to remove any build-up. Wait for the product to be absorbed completely and for any solvents to have fully evaporated before applying the next coat.

Lay Net 90 fibreglass mesh over the whole surface and apply Keralevel® Eco Floor two-component finishing product (coverage ≈ 1.5 kg/mm²). Dust the whole surface to saturation while still fresh with Quarzo 1.3, at a coverage of ≈ 2 kg/m², and wait for the product to harden before applying the next coat.

Removal of any excess quartz and subsequent sanding to even up the floor.

Application of Keralevel® Eco Floor over the whole surface to level and even out the substrate, coverage ≈ 0.9 kg/m² (≈ 1.5 kg/m² per mm thickness). Dust the surface to saturation while still fresh with Quarzo 1.3, at a coverage of ≈ 1.5 kg/m², and wait for the product to harden before applying the next coat.

Removal of any excess quartz and subsequent sanding to even up the floor.

Using a spreader, apply Factory eco Colormaxi eP mixed with Quarzo 1.3 at a ratio of 1:1, with a coverage of ≈ 400 g/m² of Factory eco Colormaxi eP and ≈ 400 g/m² of Quarzo 1.3. Wait for the product to harden before proceeding with application of the next coat.

Sanding to even up the floor and remove any ridges.
(*) For a coating with a non-slip effect, dust the surface to saturation while still fresh with Quarzo 1.3, at a coverage of ≈ 1.5 kg/m², and wait for the product to harden before applying the next coat.
Removal of any excess quartz and subsequent sanding to even up the floor.
Apply Factory Eco Colormaxi EP using a roller, with a coverage of ≈ 150 g/m² (if necessary dilute by 5% with SIC® Eco DD).

SYSTEM 5 consumption summary - Multi-layer flooring 3.0 (3 mm):

<table>
<thead>
<tr>
<th>Product</th>
<th>Consumption</th>
<th>Code</th>
<th>Pack</th>
</tr>
</thead>
<tbody>
<tr>
<td>SIC® Eco EP21</td>
<td>≈ 0.2 l/m²</td>
<td>11207 Part A</td>
<td>4x5 l</td>
</tr>
<tr>
<td></td>
<td></td>
<td>05152 Part B</td>
<td>4x2 l</td>
</tr>
<tr>
<td>Keralevel® Eco Floor</td>
<td>≈ 2.5 kg/m²</td>
<td>06640 Part A</td>
<td>9.25 kg</td>
</tr>
<tr>
<td></td>
<td></td>
<td>06641 Part B</td>
<td>4x0.75 kg</td>
</tr>
<tr>
<td>Net 90</td>
<td>1 m/m²</td>
<td>12189</td>
<td>50 m</td>
</tr>
<tr>
<td>Quarzo 1.3</td>
<td>≈ 4 kg/m² (*+1.5 kg/m² for “optional” dusting)</td>
<td>01133</td>
<td>25 kg</td>
</tr>
<tr>
<td>Factory Eco Colormaxi EP</td>
<td>≈ 0.52 kg/m²</td>
<td>Part A colour code</td>
<td>10 kg</td>
</tr>
<tr>
<td></td>
<td></td>
<td>02903 Part B</td>
<td>2x3 kg</td>
</tr>
</tbody>
</table>

Treatment of joints
All the dynamic contraction and construction joints must be cut, prepared by inserting a suitable sub-joint layer and sealed with Fugabella® Eco PU 40.

Special notes
As it is not possible to intervene directly on site conditions and on execution of the works, these indications refer exclusively to the technical characteristics of the products supplied, and not on the work required to install them. The user is always required to assess on site to ensure that the products are suitable for the use to which they are put, always following the indications on the technical documentation and on the packaging. Make sure that the products are not tampered with and that they are stored in compliance with the indications on the packaging and in the technical sheets.
APPLIED COAT
BREATHTABLE MULTI-LAYER FLOORING

System to create breathable, coloured applied coatings for concrete industrial floors.
Improves the dust-proofing features of the flooring, is impermeable to water and resistant to oil, hydrocarbons and liquids used for food purposes.

| Hardness | 5  |
| Thickness | ~ 1.5 mm |  |
| No. coats | 3  |  |
| Resistance to abrasion | 5  |  |
| Resistance to traffic | 5  |  |
| Substrate type | Damp, New, Worn |  |
| Waiting time |  |
| Ready for normal use | 5-7 days |  |
| Ready for foot traffic | 3-4 days |  |

Concrete substrate
### Factory Eco Colorwet EP

- Two-component, with reduced solvent content, safeguards the health of operators.

### Quarzo 1.3

- Eco-friendly, calibrated, controlled granulometry mineral quartz, washed and free of organic impurities, perfectly dry, ideal for use in GreenBuilding.

### Factory Eco Colorwet EP (Coloured finish)

- Coloured finish = 2.3 kg/m²

### Factory Eco Base EP

- Priming = 100 ml/m²

### Preparation of the substrate

- **Shot Peening**: treatment carried out using a machine that advances at an adjustable speed, projecting spherical metallic aggregates onto the substrate and fitted with a suction device that recovers the abrasive elements and eroded material and separates them.

### Time

- Shot Peening: 12-24 hrs
- Industrial concrete floor drying: 2-4 hrs
- Drying of the substrate: 2-4 hrs
System to create breathable, coloured applied coatings for concrete industrial floors. Improves the dust-proofing features of the flooring, is impermeable to water and resistant to oil, hydrocarbons and liquids used for food purposes.

**Areas of use**
Coating of smoothed or dry-shake quartz finished concrete floors in areas subject to light traffic destined for use as warehouses, garages, storage areas, transit areas in general. Suitable for new or worn concrete floors, with surface pollution, including those without vapour barrier or with high levels of residual humidity. Not recommended for medium or high levels of traffic. Not suitable as a waterproofing system. For internal and external use.

**Substrate**
The substrate must be of a thickness suitable for the loads to which it will be subjected, and must be stable, non-deformable and compact, must have already completed the hygroscopic shrinkage curing period.
The substrates must be mechanically prepared. After cleaning and preparation, the substrates must have a surface tear strength under UNI 8298-1, > 1.5 N/mm² and a compressive strength in compliance with UNI 9189, UNI 6132, UNI 10157, > 25 N/mm².

**Preparation of substrates**
The substrates must be free from oil, grease, deeply absorbed layers of pollution, loose, flaky or imperfectly anchored parts. They must be prepared by shot peening and dust must be thoroughly removed using a suitable vacuum cleaner. Control joints must be cut or opened, cleaned and all dust removed.

**Application**
**Optional (if consolidation is necessary)**
Prime the substrate, static joints and areas adjacent to manholes with Factory Eco Base EP diluted ≈ 1 : 0.5 – 1 : 1 with water, with a coverage of ≈ 100 ml/m² of Factory Eco Base EP.
During application take care to wet-out all the areas described above, making sure you remove any build-up. Wait for the product to be absorbed completely and for the floor to be able to take foot traffic before applying the next coat.

Lay Factory Eco Colorwet EP with a spreader, taking care to smooth and level the surface, with a coverage of ≈ 2.3 kg/m². If necessary, add ≈ 2 – 5% water to the mix to obtain the required consistency.
Seal cracks and gaps using the same epoxy finishing product. Contraction joints must be respected and sealed at a later stage.
While still fresh, dust the whole surface to saturation with Quarzo 1.3, with a coverage of ≈ 2 kg/m². Wait for the product to harden before proceeding with application of the next coat.

Removal of any excess quartz and subsequent sanding to even up the floor.

Lay Factory Eco Colorwet EP with a spreader, taking care to smooth the product and even out the surface, with a coverage of ≈ 0.7 kg/m².
SYSTEM 6 consumption summary - Breathable multi-layer flooring (1.5 mm):

<table>
<thead>
<tr>
<th>Product</th>
<th>Consumption</th>
<th>Code</th>
<th>Pack</th>
</tr>
</thead>
<tbody>
<tr>
<td>Factory Eco Base EP</td>
<td>(if necessary) 100 ml/m²</td>
<td>01836 Part A</td>
<td>5 kg</td>
</tr>
<tr>
<td></td>
<td></td>
<td>01837 Part B</td>
<td>5 kg</td>
</tr>
<tr>
<td>Quarzo 1.3</td>
<td>= 2 kg/m²</td>
<td>01133</td>
<td>25 kg</td>
</tr>
<tr>
<td>Factory Eco Colorwet EP</td>
<td>= 3 kg/m²</td>
<td>Part A colour code</td>
<td>18 kg</td>
</tr>
<tr>
<td></td>
<td></td>
<td>10988 Part B</td>
<td>3 kg</td>
</tr>
</tbody>
</table>

**Treatment of joints**

All the dynamic contraction and construction joints must be cut, prepared by inserting a suitable sub-joint layer and sealed with Fugabella® Eco PU 40.

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**Special notes**

As it is not possible to intervene directly on site conditions and on execution of the works, these indications refer exclusively to the technical characteristics of the products supplied, and not on the work required to install them. The user is always required to assess on site to ensure that the products are suitable for the use to which they are put, always following the indications on the technical documentation and on the packaging. Make sure that the products are not tampered with and that they are stored in compliance with the indications on the packaging and in the technical sheets.
System to create coloured applied coatings for concrete industrial floors.
Improves the dust-proofing features of the flooring and makes the floor impermeable to water, oils, hydrocarbons and liquids used for food purposes. Increases resistance to surface abrasion.

<table>
<thead>
<tr>
<th>Component</th>
<th>Description</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Factory Eco Protection PU</td>
<td>Transparent, eco-friendly, water-based organic fluid finish coat for resin floors. two-component. safeguards the health of the environment.</td>
<td>≈ 60 ml/m²</td>
</tr>
<tr>
<td>Factory Eco Colorflow EP</td>
<td>Self-levelling, eco-friendly, high-performance two-component coloured organic mineral covering for industrial floors, ideal for use in green building.</td>
<td>≈ 3.2 kg/m²</td>
</tr>
<tr>
<td>Quarzo 1.3</td>
<td>Eco-friendly, calibrated, controlled granulometry mineral quartz, washed and free of organic impurities, perfectly dry, ideal for use in green building.</td>
<td>≈ 1.5 kg/m²</td>
</tr>
<tr>
<td>Keralevel® Eco Floor</td>
<td>Elastic, eco-friendly, organic mineral finishing product for the high-resistance and high-adhesion correction of irregular substrates, whether absorbent or non-absorbent, ideal for use in green building. Two-component with reduced solvent content.</td>
<td>≈ 0.9 - 1.5 kg/m²</td>
</tr>
<tr>
<td>Slc® Eco EP</td>
<td>Certified, eco-friendly, organic resin for the consolidation of absorbent substrate, ideal for use in green building. Two-component, solvent-free and with very low volatile organic compound emissions, safeguards the health of operators.</td>
<td>≈ 200 - 400 ml/m²</td>
</tr>
</tbody>
</table>

**Preparation of the substrate:** Shot Peening: treatment carried out using a machine that advances at an adjustable speed, projecting spherical metallic aggregates onto the substrate and fitted with a suction device that recovers the abrasive elements and eroded material and separates them.

**Hardness:**
- New: 5
- Worn: 4
- Polluted: 3

**Thickness:** ≈ 3 mm

**No. coats:** 3+2 (optional)

**Resistance to abrasion:**
- New: 5
- Worn: 4
- Polluted: 3

**Resistance to traffic:**
- New: 5
- Worn: 4
- Polluted: 3

**Waiting time:**
- Ready for normal use: 7 days
- Ready for foot traffic: 5 days

**Concrete substrate**
**SYSTEM 7 / Self-levelling**

- **COLOURED SMOOTH SATIN FINISH**
- **SUITABLE FOR INDUSTRIAL FLOORS, INCLUDING THOSE THAT ARE WORN, CRACKED AND WITH SURFACE POLLUTION**
- **IMPERMEABLE TO WATER AND OILS**
- **SUITABLE FOR LOW INTENSITY INDUSTRIAL TRAFFIC**

<table>
<thead>
<tr>
<th>Product</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quarzo 1.3</td>
<td>Eco-friendly, calibrated, controlled granulometry mineral quartz, washed and free of organic impurities, perfectly dry, ideal for use in GreenBuilding.</td>
</tr>
<tr>
<td>Keralvel® Eco Floor</td>
<td>Elastic, eco-friendly, organic mineral finishing product for the high-resistance and high-adhesion correction of irregular substrates, whether absorbent or non-absorbent, ideal for use in GreenBuilding. Two-component with reduced solvent content.</td>
</tr>
</tbody>
</table>

**Preparation of the substrate**

**Shot Peening**: treatment carried out using a machine that advances at an adjustable speed, projecting spherical metallic aggregates onto the substrate and fitted with a suction device that recovers the abrasive elements and eroded material and separates them.

**Time**

- **Waiting time**
  - Factory Eco Protection PU: 2-4 hrs
  - Factory Eco Colorflow EP: 48 hrs
  - Quarzo 1.3: 12-24 hrs
  - Keralvel® Eco Floor: 1-4 hrs
  - Slc® Eco EP21: 48 hrs
Areas of use
Coating of smoothed or dry-shake quartz finished concrete floors in offices, laboratories, machining areas, fork lift truck transit areas. Suitable for newly constructed, slightly worn and/or superficially polluted concrete floors. Not recommended for high levels of industrial traffic. Not suitable as a waterproofing system. For internal use.

Substrate
The resin flooring substrate must be of a thickness suitable for the loads to which it will be subjected, and must be stable, non-deformable, compact, must have already completed the hygrometric shrinkage curing period an must be free from residual moisture rising (max 2% for traditional screeds, 3% for concrete floors) or in counterthrust. The substrates must be mechanically prepared. After cleaning and preparation, the substrates must have a surface tear strength under UNI 8298-1, > 1.5 N/mm² and a compressive strength in compliance with UNI 9189, UNI 6132, UNI 10157, > 25 N/mm².

Preparation of substrates
The substrates must be free from oil, grease, deeply absorbed layers of pollution, loose, flaky or imperfectly anchored parts. They must be prepared by shot peening and dust must be thoroughly removed using a suitable vacuum cleaner. Control joints must be cut or opened, cleaned and all dust removed.

Application
Priming of the screed with Sic® Eco EP21 diluted with Keragrip Eco Pulep by up to 30% according to the absorbency of the substrate. Apply evenly with a brush or roller in a single coat, at a coverage of ≈ 200 ml/m² (= 400 – 600 ml/m² in case of in-depth consolidation) taking care to remove any build-up. Wait for the product to be absorbed completely and for any solvents to have fully evaporated before applying the next coat.

Application of Keralevel® Eco Floor over the whole surface using a spreader, to level and even out the substrate, coverage on screed ≈ 0.9 kg/m² (= 1.5 kg/m² per mm thickness).
Dust the surface to saturation while still fresh with Quarzo 1.3, at a coverage of ≈ 1.5 kg/m², and wait for the product to harden before applying the next coat.

Removal of any excess quartz and subsequent sanding to even up the floor.

Apply Factory Eco Colorflow EP with a coverage of ≈ 3.2 kg/m² per 2 mm of thickness. Do not apply less than 2 mm: when applying thicker layers, consider a coverage of 1.6 kg/mm/mm. If necessary, wait at least 48 hours before applying the next coat.

“Optional” transparent opaque finish (only to be used for offices, shops, show-rooms)
Sand the surface with a mechanical buffer fitted with an abrasive mesh, grain size 220. Vacuum up the dust produced.

Apply a first coat of Factory Eco Protection PU using a roller, with a coverage of ≈ 60 ml/m² and wait until the floor is perfectly able to take foot traffic.

Apply a second coat of Factory Eco Protection PU using a roller, with a coverage of ≈ 60 ml/m².
**SYSTEM 7 consumption summary - Self-levelling (3 mm):**

<table>
<thead>
<tr>
<th>Product</th>
<th>Consumption</th>
<th>Code</th>
<th>Pack</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sic® Eco EP21</td>
<td>≈ 0.2 l/m²</td>
<td>11207 Part A</td>
<td>4x5 l</td>
</tr>
<tr>
<td></td>
<td></td>
<td>05152 Part B</td>
<td>4x2 l</td>
</tr>
<tr>
<td>Keralevel® Eco Floor</td>
<td>(on “closed” substrate) ≈ 0.9 kg/m²</td>
<td>06640 Part A</td>
<td>9.25 kg</td>
</tr>
<tr>
<td></td>
<td></td>
<td>06641 Part B</td>
<td>4x0.75 kg</td>
</tr>
<tr>
<td>Quarzo 1.3</td>
<td>≈ 1.5 kg/m²</td>
<td>01133</td>
<td>25 kg</td>
</tr>
<tr>
<td>Factory Eco Colorflow EP</td>
<td>≈ 3.2 kg/m²</td>
<td>Part A colour code</td>
<td>12 kg</td>
</tr>
<tr>
<td></td>
<td></td>
<td>05289 Part B</td>
<td>2x2 kg</td>
</tr>
<tr>
<td>Factory Eco Protection PU</td>
<td>“optional” ≈ 0.12 l/m²</td>
<td>06670 A*B Opaque</td>
<td>2x5+2x1 l</td>
</tr>
</tbody>
</table>

**Treatment of joints**
All the dynamic contraction and construction joints must be cut, prepared by inserting a suitable sub-joint layer and sealed with Fugabella® Eco PU 40.

**Special notes**
As it is not possible to intervene directly on site conditions and on execution of the works, these indications refer exclusively to the technical characteristics of the products supplied, and not on the work required to install them. The user is always required to assess on site to ensure that the products are suitable for the use to which they are put, always following the indications on the technical documentation and on the packaging. Make sure that the products are not tampered with and that they are stored in compliance with the indications on the packaging and in the technical sheets.
APPLIED COAT
RESIN-BASED MORTAR

System to create coloured applied coatings for concrete industrial floors.
 Increases the mechanical resistance of the support and the resistance to surface abrasion.
 Makes floor impermeable to water, oil, hydrocarbons and liquids used for food purposes.

SYSTEM

Hardness
Thickness
No. coats
Resistance to abrasion
Resistance to traffic
Substrate type
Waiting time
Ready for normal use
Ready for foot traffic

> 5 mm
5

New
Worn
Polluted
Weakened

7 days
4 days

Resistance to abrasion

Resistance to traffic

No. coats

Substrate type

Waiting time

Ready for normal use
Ready for foot traffic

Concrete substrate
- **COLOURED SEMI-GLOSS TEXTURED FINISH. NON-SLIP FINISH OPTION**
- **SUITABLE FOR INDUSTRIAL FLOORING, INCLUDING WORN, CRACKED, WEAKENED AND POLLUTED FLOORS**
- **IDEAL FOR HIGH THICKNESS CORRECTIONS AND FOR THE FORMATION OF SLOPES**
- **IMPERMEABLE TO WATER AND OILS**
- **SUITABLE FOR MEDIUM-HIGH INTENSITY INDUSTRIAL TRAFFIC**

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>≈ 0.12 kg/m²</td>
<td>Multi-purpose, eco-friendly, high-performance coloured organic mineral covering for industrial floors, ideal for use in GreenBuilding. Two-component, safeguards the health of operators.</td>
<td>≈ 0.4 kg/m² : 0.4 kg/m²</td>
<td>Multi-purpose, eco-friendly, high-performance coloured organic mineral covering for industrial floors, ideal for use in GreenBuilding. Two-component, safeguards the health of operators.</td>
</tr>
</tbody>
</table>

- "Optional" dusting to create a non-slip finish = 1.5 kg/m²

<table>
<thead>
<tr>
<th>Coloured finish = 0.4 kg/m² : 0.4 kg/m²</th>
<th>Quarzo 1.3</th>
<th>Smoothing 0.4 kg/m² : 0.4 kg/m²</th>
<th>S1c® Eco EP21 : Quarzo 1.3</th>
</tr>
</thead>
</table>

- **Epoxymortar** = 200 ml/mm/m² : 1.6 kg/mm²

<table>
<thead>
<tr>
<th>Epoxy mortar = 200 ml/mm/m² : 1.6 kg/mm²</th>
<th>S1c® Eco EP21 : Quarzo 5.12</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Priming = 0.4 l/m²</th>
<th>S1c® Eco EP21</th>
</tr>
</thead>
<tbody>
<tr>
<td>Certified, eco-friendly, organic resin for the consolidation of absorbent substrate, ideal for use in GreenBuilding. Two-component, solvent-free and with very low volatile organic compound emissions, safeguards the health of operators.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Preparation of the substrate</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Milling or scarification:</strong> treatment carried out using a machine fitted with a multi-shaft drum rotating on the horizontal axis and fitted with metal tools. The ability to adjust the drum means that the depth of the operation can be pre-set.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Time</th>
<th>Waiting time</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>16-24 hrs</td>
</tr>
<tr>
<td></td>
<td>12-24 hrs</td>
</tr>
<tr>
<td></td>
<td>24 hrs</td>
</tr>
</tbody>
</table>
System to create coloured applied coatings for concrete industrial floors. Increases the mechanical resistance of the support and the resistance to surface abrasion. Makes floor impermeable to water, oil, hydrocarbons and liquids used for food purposes.

**Areas of use**
Coating of smoothed or dry-shake quartz finished concrete floors in offices, laboratories, machining areas, fork lift truck transit areas. Suitable for newly constructed concrete floors, or weakened, severely worn, polluted and/or uneven concrete floors. Not suitable as a waterproofing system. For internal use.

**Substrate**
The resin flooring substrate must be of a thickness suitable for the loads to which it will be subjected, and must be stable, non-deformable, compact, and must be free from residual moisture rising (max 2% for traditional screeds, 3% for concrete floors) or in counterthrust. The substrates must be mechanically prepared. After cleaning and preparation, the substrates must have a surface tear strength under UNI 8298-1, > 1.5 N/mm² and a compressive strength in compliance with UNI 9189, UNI 6132, UNI 10157, > 25 N/mm².

**Preparation of substrates**
The substrates must be prepared by milling to remove polluted layers or weakened parts, and all dust must then be removed using a suitable vacuum cleaner.

**Application**
Prime the absorbent substrate with Slc® Eco EP21, with a coverage of ≈ 400 ml/m². While the product is still fresh, patch with epoxy mortar obtained by mixing the two-component epoxy binding agent Slc® Eco EP21 with Quarzo 5.12 in a ratio of 1 part Slc® Eco EP21 to 8 parts Quarzo 5.12, with a coverage of ≈ 200 ml/mm² for Slc® Eco EP21, and ≈ 1.6 kg/mm² for Quarzo 5.12, taking care to create a thickness ≥ 5 mm. Wait for the epoxy mortar to harden before proceeding with application of the next coat.

Finish with a spreader, using Slc® Eco EP21 mixed with Quarzo 1.3 in a ratio of 1:1, with a coverage of ≈ 400 ml/m² of Slc® Eco EP21 and ≈ 400 g/m² of Quarzo 1.3. Wait for the product to harden before proceeding with application of the next coat.

Using a spreader, apply Factory Eco Colormaxi EP mixed with Quarzo 1.3 at a ratio of 1:1, with a coverage of ≈ 400 g/m² of Factory Eco Colormaxi EP and ≈ 400 g/m² of Quarzo 1.3. Wait for the product to harden before proceeding with application of the next coat.

Sanding to even up the floor and remove any ridges.

(*) For a coating with a non-slip effect, dust the surface to saturation while still fresh with Quarzo 1.3, at a coverage of ≈ 1.5 kg/m², and wait for the product to harden before applying the next coat.

Removal of any excess quartz and subsequent sanding to even up the floor.

Application by roller of Factory Eco Colormaxi EP with a coverage of ≈ 120 g/m² (if necessary dilute by 5% with Slc® Eco DD).
SYSTEM 8 consumption summary - Resin-based mortar

<table>
<thead>
<tr>
<th>Product</th>
<th>Consumption</th>
<th>Code</th>
<th>Pack</th>
</tr>
</thead>
<tbody>
<tr>
<td>Slc® Eco EP21</td>
<td>0,8 l/m² + 0,2 l/mm/m²</td>
<td>11207 Part A</td>
<td>4x5 l</td>
</tr>
<tr>
<td></td>
<td></td>
<td>05152 Part B</td>
<td>4x2 l</td>
</tr>
<tr>
<td>Quarzo 5.12</td>
<td>≈ 1,6 kg/mm/m²</td>
<td>01132</td>
<td>30 kg</td>
</tr>
<tr>
<td>Quarzo 1.3</td>
<td>≈ 0.8 kg/m² + (*1.5 kg/m² for “optional” dusting)</td>
<td>01133</td>
<td>25 kg</td>
</tr>
<tr>
<td>Factory Eco Colormaxi EP</td>
<td>≈ 0.52 kg/m²</td>
<td>Part A colour code</td>
<td>10 kg</td>
</tr>
<tr>
<td></td>
<td></td>
<td>02903 Part B</td>
<td>2x3 kg</td>
</tr>
</tbody>
</table>

Treatment of joints
All the dynamic contraction and construction joints must be cut, prepared by inserting a suitable sub-joint layer and sealed with Fugabella® Eco PU 40.

Special notes
As it is not possible to intervene directly on site conditions and on execution of the works, these indications refer exclusively to the technical characteristics of the products supplied, and not on the work required to install them. The user is always required to assess on site to ensure that the products are suitable for the use to which they are put, always following the indications on the technical documentation and on the packaging. Make sure that the products are not tampered with and that they are stored in compliance with the indications on the packaging and in the technical sheets.
## Guide to the Choice of Systems

### Guide to the Choice of Systems According to the Type and Intensity of Traffic Foreseen

<table>
<thead>
<tr>
<th>System</th>
<th>Low Intensity</th>
<th>Medium Intensity</th>
<th>High Intensity</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>System 1</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Impregnation</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>System 2</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Thin Film</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>System 3</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Thick Film</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>System 4</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Multi-layer Flooring 1.5</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>System 5</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Multi-layer Flooring 3.0</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>System 6</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Breathable Multi-layer Flooring</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>System 7</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Self-levelling</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>System 8</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Resin-based Mortar</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Legend

- Foot Traffic
- Vehicular Traffic
- Industrial Traffic

* N.B. All resin-based systems are subject to wear and require special maintenance.
  * Use subject to periodic replacement or maintenance
**GUIDE TO THE CHOICE OF SYSTEMS AND RELAVANT PREPARATION OF THE SUBSTRATE ACCORDING TO THE EXISTING SUBSTRATE TYPE AND LEVEL OF CONSERVATION**

<table>
<thead>
<tr>
<th>Substrate Description</th>
<th>System 1: Impregnation</th>
<th>System 2: Thin Film</th>
<th>System 3: Thick Film</th>
<th>System 4: Multi-Layer Flooring 1.5</th>
<th>System 5: Multi-Layer Flooring 3.0</th>
<th>System 6: Breathable Multi-Layer Flooring</th>
<th>System 7: Self-Levelling</th>
<th>System 8: Resin-Based Mortar</th>
</tr>
</thead>
<tbody>
<tr>
<td>New concrete floor</td>
<td>POWER WASHING</td>
<td>SANDING</td>
<td>SMOOTHING</td>
<td>SMOOTHING</td>
<td>SMOOTHING</td>
<td>SHOT PEENING</td>
<td>SHOT PEENING</td>
<td>MILLING</td>
</tr>
<tr>
<td>New concrete floor with stable crazing and slight surface irregularities</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>MILLING</td>
</tr>
<tr>
<td>Slightly worn concrete floor</td>
<td>SANDING</td>
<td>SMOOTHING</td>
<td>SMOOTHING</td>
<td>SMOOTHING</td>
<td>SMOOTHING</td>
<td>SHOT PEENING</td>
<td>SHOT PEENING</td>
<td>MILLING</td>
</tr>
<tr>
<td>Worn concrete floor, with stable cracks, slightly polluted</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>MILLING</td>
</tr>
<tr>
<td>New or worn concrete floor that is damp or with possible moisture rising</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>MILLING</td>
</tr>
<tr>
<td>Deteriorated, polluted concrete floor</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>MILLING</td>
</tr>
</tbody>
</table>

**Legend**

**Sanding**: treatment carried out using a machine fitted with a rotating plate supporting an abrasive fabric, paper or mesh disk. Suitable for newly constructed, smooth concrete floors. Gives a smooth substrate and slightly increases the level of absorption.

**Power washing**: treatment carried out using a jet of water, preferably at high temperature, at a pressure in excess of 25 MPa and if necessary with the aid of specific detergents in the presence of oily substances. Suitable for newly constructed, smooth concrete floors. Gives a smooth, clean, dust-free substrate.

**Smoothing or grinding**: treatment carried out using a machine rotating on its vertical axis with plates to which abrasive tools are fixed. Suitable for newly constructed or slightly worn, smooth concrete floors. Gives a slightly rough substrate and increases the level of absorption.

**Shot peening**: treatment carried out using a machine that advances at an adjustable speed, projecting spherical metallic aggregates onto the substrate and fitted with a suction device that recovers the abrasive elements and eroded material and separates them. Suitable for smooth, worn concrete floors, with tenacious residue or surface pollution. Gives a rough substrate and increases the level of absorption.

**Milling or scarification**: treatment carried out using a machine fitted with a multi-shaft drum rotating on the horizontal axis and fitted with metal tools. The ability to adjust the drum means that the depth of the operation can be pre-set. Suitable for weakened, worn and polluted concrete floors. Gives an extremely rough and highly absorbent substrate.
LAYING RANGE / Laying resin-based coating materials

Slc® Eco EP21

Certified, eco-friendly, organic resin for the consolidation of absorbent substrates and the waterproofing of absorbent mineral or cement-based substrates with high residual humidity, ideal for use in GreenBuilding. Two-component, solvent-free and with very low volatile organic compound emissions, safeguards the health of operators.

Slc® Eco EP21 raises the mechanical resistance of inconsistent substrates and waterproofs them to protect hardwood floors from residual humidity, for a 100% eco-friendly safe laying.

**PRODUCT STRENGTHS**

- 100% dry residue
- Very high consolidating power
- Specifically intended for low-absorption substrates
- Ideal for applications in poorly ventilated areas and in renovation work
- Suitable for the consolidation of substrates even with underfloor heating systems
- Up to 5% CM high residual humidity waterproofing product for use prior to laying of hardwood floors and resilient materials

**GREENBUILDING RATING®**

- Category: Liquid organic products
- Class: Organic Waterproofing Products
- Rating: Eco 3

**ECO NOTES**

- Improved on-site safety guaranteed

**PERFORMANCE**

VOC INDOOR AIR QUALITY (IAQ) - VOLATILE ORGANIC COMPOUND EMISSIONS

<table>
<thead>
<tr>
<th>Conformity</th>
<th>EC 1-R plus GEV-Emicode</th>
<th>GEV certified 2472/11.01.02</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIGH-TECH</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Viscosity of the mixture</td>
<td>≈ 300 mPa.s, rotor 2 RPM 20</td>
<td>Brookfield method</td>
</tr>
<tr>
<td>Mixing ratio</td>
<td>Part A : Part B = 2.5 : 1</td>
<td></td>
</tr>
<tr>
<td>Dilution</td>
<td>Keragrip Eco Pulep (max 30%)</td>
<td></td>
</tr>
<tr>
<td>Temperature range for application</td>
<td>from +10 °C to +35 °C</td>
<td></td>
</tr>
<tr>
<td>Pot life</td>
<td>≈ 30 min.</td>
<td></td>
</tr>
<tr>
<td>Open time</td>
<td>≈ 30 min.</td>
<td></td>
</tr>
<tr>
<td>Waiting time between the coats</td>
<td>≈ 4 – 12 hrs</td>
<td></td>
</tr>
<tr>
<td>Waiting time for next application</td>
<td>≈ 24 hrs</td>
<td></td>
</tr>
</tbody>
</table>

* ÉMISSION DANS L’AIR INTÉRIEUR: Information sur le niveau d’émission de substances volatiles dans l’air intérieur, présentant un risque de toxicité par inhalation, sur une échelle de classe allant de A+ (très faibles émissions) à C (fortes émissions).*

**Coverage** ≈ 200 – 400 ml/m²  
**Pallet** 336 l (Part A + Part B)  
**Shelf life** 12 months in the original packaging, protect from frost, avoid direct exposure to sunlight and sources of heat
Keralevel® Eco Floor

Elastic, eco-friendly, organic mineral finishing product for the high-resistance and high-adhesion correction of irregular substrates, whether absorbent or non-absorbent, ideal for use in GreenBuilding. Two-component with reduced solvent content.

Keralevel® Eco Floor can be used to level and repair cracks in flooring, guaranteeing an ideal surface for subsequent application of resilient materials, hardwood floors and resin coatings.

**PRODUCT STRENGTHS**
- Ideal in Factory systems
- For internal use
- Thicknesses from 1 to 5 mm
- Suitable for overlaying on stable, non-absorbent substrates
- Ideal in renovation work

**ECO NOTES**
- Formulated with locally-sourced minerals meaning lower greenhouse gas emission during transportation

**PERFORMANCE**

<table>
<thead>
<tr>
<th>HIGH-TECH</th>
<th>Value</th>
<th>Test Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Viscosity</td>
<td>≤ 120,000 mPa · s, rotor 93 RPM 50</td>
<td>Brookfield method</td>
</tr>
<tr>
<td>Temperature range for application</td>
<td>from +10 °C to +30 °C</td>
<td></td>
</tr>
<tr>
<td>Pot life</td>
<td>≤ 30 min.</td>
<td></td>
</tr>
<tr>
<td>Tensile adhesion to concrete after 28 days</td>
<td>≥ 2.5 MPa</td>
<td>EN 1323</td>
</tr>
<tr>
<td>Elastic modulus after 7 days</td>
<td>≥ 0.035 Kt/mm²</td>
<td>EN ISO 178</td>
</tr>
<tr>
<td>Elastic modulus after 28 days</td>
<td>≥ 0.037 Kt/mm²</td>
<td>EN ISO 178</td>
</tr>
<tr>
<td>Foot traffic / Overlaying +10 °C</td>
<td>16 hrs</td>
<td></td>
</tr>
<tr>
<td>Foot traffic / Overlaying +15 °C</td>
<td>12 hrs</td>
<td></td>
</tr>
<tr>
<td>Foot traffic / Overlaying +20 °C</td>
<td>6 hrs</td>
<td></td>
</tr>
<tr>
<td>Ultimate elongation after 28 days</td>
<td>≥ 4.5%</td>
<td>ISO 527-2</td>
</tr>
<tr>
<td>Shore A hardness at 23 °C</td>
<td>70</td>
<td></td>
</tr>
</tbody>
</table>

**GREENBUILDING RATING®**

- Category: Organic Mineral Products
- Class: Mineral Levelling Products
- Rating: Eco 2

**PRODUCT STRENGTHS**

- Coverage ≈ 1,5 kg/m² per mm of thickness
- Pallet 440 kg
- Shelf life ≈ 12 months in the original packaging when stored in a dry place, protect from frost, and avoid direct exposure to sunlight and sources of heat
Factory Eco Colormaxi EP


Factory Eco Colormaxi EP is specifically designed to create coloured resin-based film, multi-layer and mortar coatings with variable chemical and mechanical strengths according to the cycles selected and the thickness applied.

**Performance**

**High-Tech**
- Pot life: ≈ 30 min.
- Temperature range for application: from +10 °C to +30 °C
- Foot traffic: ≥ 24 hrs
- Waiting time for overlaying: ≥ 24 hrs
- Interval before normal use: ≥ 48 hrs
- Compressive strength after 28 days *: ≥ 15 N/mm²
- Flexural strength after 28 days *: ≥ 16 N/mm²
- Abrasion strength after 28 days *: ≤ 80 mg, CS17 abrasive disk, 1,000 rpm, 1,000 g weight, Taber method
- Adhesion to concrete after 14 days*: ≥ 3 N/mm²

*average values, may vary according to colour

**GreenBuilding Rating®**

**Factory Eco Colormaxi EP**
- Category: Organic Mineral Products
- Class: Laying resin-based coating materials
- Rating: Eco 1

**Product Strengths**
- For internal use
- Semi-gloss textured finish
- Easy to apply with roller or spreader
- To create film coatings suitable for light traffic, waterproof and resistant to oil, hydrocarbons and liquids used for food purposes
- To create resin-based multi-layer and mortar coatings with a high resistance to scratching and wear, impermeable to water, oil, hydrocarbons and liquids used for food purposes

**Eco Notes**
- Improved on-site safety guaranteed

**Code & Pack**

<table>
<thead>
<tr>
<th>Code</th>
<th>Part A</th>
<th>Part A</th>
<th>Part B</th>
<th>Part B</th>
</tr>
</thead>
<tbody>
<tr>
<td>02903</td>
<td>Coloured A</td>
<td>10 kg</td>
<td>Coloured B</td>
<td>10 kg</td>
</tr>
<tr>
<td></td>
<td>2x3 kg</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

* For colours in range A and range B see page 42

**Coverage**
- as film coating: ≈ 150 g/m² per coat
- as multi-layer coating: ≈ 400 g/m² per coat

**Shell life**
- 12 months in the original packaging, protect from frost, avoid direct exposure to sunlight and sources of heat
Factory Eco Colorflow EP


Factory Eco Colorflow EP is specific to create coloured, resin-based, self-levelling type coatings, with high mechanical resistance and durability. Impermeable to water, oil, hydrocarbons and liquids used for food purposes.

**Product Strengths**

- For internal use
- Thicknesses from 2 to 4 mm
- Extremely long-lasting monolithic coating material
- Smooth satin finish
- Ready-to-use, ensures constant levels of performance
- Long self-levelling time, also suitable for large surface areas

**Code and Pack**

<table>
<thead>
<tr>
<th>Code</th>
<th>Part A</th>
<th>Coloured A</th>
<th>Pack</th>
</tr>
</thead>
<tbody>
<tr>
<td>Part A</td>
<td>Coloured B</td>
<td>12 kg</td>
<td></td>
</tr>
<tr>
<td>05289</td>
<td>Part B</td>
<td>2x2 kg</td>
<td></td>
</tr>
</tbody>
</table>

*For colours in range A and range B see page 42

**GreenBuilding Rating®**

Factory Eco Colorflow EP
- Category: Organic Mineral Products
- Class: Laying resin-based coating materials
- Rating: Eco 1

**Eco Notes**

- Formulated with locally-sourced minerals meaning lower greenhouse gas emission during transportation

**Performance**

**High-Tech**

- Pot life: ≈ 60 min.
- Temperature range for application: from +10 °C to +30 °C
- Foot traffic: ≈ 48 hrs
- Waiting time for overlaying: ≈ 48 hrs
- Interval before normal use: ≈ 4 days
- Compressive strength after 28 days*: ≥ 38 N/mm²
- Flexural strength after 28 days*: ≥ 16 N/mm²
- Abrasion strength after 28 days*: ≤ 80 mg, CS17 abrasive disk, 1,000 rpm, 1,000 g weight
- Adhesion to concrete after 14 days*: ≥ 4 N/mm²

*Average values, may vary according to colour

**Coverage** = 1.6 kg/mm²
**Pallet** = 528 kg
**Shelf life** = 12 months in the original packaging, protect from frost, avoid direct exposure to sunlight and sources of heat

**GreenBuilding Rating® Rating System Accredited by Certification Bodies SGS**

**Ecological Impact**

- Sustainable production
- Use of locally-sourced minerals
- Low emission during production

**Health Care**

- IAQ
- VOC
- Low emission

**IAQ**

- Indoor Air Quality
- Low emission

**Solvent**

- ≤ 5 g/kg

**SLV Reduced**

- Low ecological impact
- Natural mineral content 49%

**Regional Mineral ≥ 30%**

- Category: Organic Mineral Products
- Class: Laying resin-based coating materials
- Rating: Eco 1
Factory Eco Colorwet EP

Eco-friendly, highly vapour-permeable coloured organic mineral covering for industrial floors, ideal for use in GreenBuilding. Two-component, with reduced solvent content, safeguards the health of operators.

Factory Eco Colorwet EP is specific to create coloured, multi-layer resin-based coatings, on substrates without a vapour barrier or with high residual damp. Impermeable to water and resistant to oil, hydrocarbons and liquids used for food purposes.

**GREENBUILDING RATING®**

- Reduced solvent content ≤ 1 g/kg
- Non-toxic and non-hazardous

**PRODUCT STRENGTHS**

- Internal, external
- Opaque textured finish
- Highly permeable to vapour
- Ideal for damp environments

**PERFORMANCE**

- Waiting time for overlaying ≈ 12 hrs
- Interval before normal use ≈ 48 hrs
- Adhesion to concrete after 14 days* ≥ 4 N/mm²

*average values, may vary according to colour

**PRODUCT**

<table>
<thead>
<tr>
<th>Code</th>
<th>Pack</th>
<th>Part A</th>
<th>Coloured A</th>
<th>18 kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>10889</td>
<td>Part B</td>
<td></td>
<td>Coloured B</td>
<td>5 kg</td>
</tr>
</tbody>
</table>

*For colours in range A and range B see page 42

• Coverage first coat ≈ 2 kg/m² - second coat ≈ 0.5 – 1 kg/m² • Pallet 594 kg
• Shelf life 12 months in the original packaging, protect from frost, avoid direct exposure to sunlight and sources of heat

Factory Eco Base EP


Factory Eco Base EP creates transparent impregnation incorporated type coats with a high dust-proof effect and low capillary draw. Increases resistance to surface abrasion of industrial concrete floors and reduces the absorption of water and oils.

**GREENBUILDING RATING®**

- Water-based formulation
- Reduced solvent content ≤ 0.3 g/kg
- Non-toxic and non-hazardous

**PRODUCT STRENGTHS**

- For internal use
- Semi-gloss smooth finish
- Fast and easy to apply, ideal for large surfaces
- Specific for use as a primer before application of Factory Eco Colorwet EP

**PERFORMANCE**

- Pot life ≈ 1 hr
- Foot traffic ≈ 24 hrs
- Interval before normal use ≈ 48 hrs

**PRODUCT**

<table>
<thead>
<tr>
<th>Code</th>
<th>Pack</th>
<th>Part A</th>
<th>Part B</th>
</tr>
</thead>
<tbody>
<tr>
<td>01836</td>
<td>Part A</td>
<td>5 kg</td>
<td></td>
</tr>
<tr>
<td>01837</td>
<td>Part B</td>
<td>5 kg</td>
<td></td>
</tr>
</tbody>
</table>

• Coverage for impregnating agent ≈ 50 g/m² - primer ≈ 100 g/m² • Pallet 400 kg
• Shelf life 12 months in the original packaging, protect from frost, avoid direct exposure to sunlight and sources of heat

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Factory Eco Color PU

Coloured, eco-friendly, waterproof and high scratch resistance, water-based organic fluid finish coat, ideal for use in GreenBuilding. Two-component, with reduced solvent content, does not harm the environment.

Factory Eco Color PU is a coloured finish with high resistance to scratching, resistant to water, oil and liquids used for food purposes, specifically designed to create continuous film coatings on walls.

**PRODUCT STRENGTHS**

- For internal use
- Smooth opaque finish
- High coverage
- Guarantees surfaces that are easy to clean and washable

**GREENBUILDING RATING®**

Product with none of the requisites of the GreenBuilding Rating® and must be used with care. Kerakoll® undertakes to improve the ratings of Eczero materials and products

**PRODUCT STRENGTHS**

- Coverage = 100 - 120 g/m² per coat • Pallet 144 kg • Shelf life = 12 months in the original packaging, protect from frost, avoid direct exposure to sunlight and sources of heat

**FACTORY ECO PROTECTION PU**

Transparent, eco-friendly, water-based organic fluid finish coat for resin floors. Two-component, safeguards the health of the environment.

Factory Eco Protection PU is a transparent protective finishing product specifically designed to increase the resistance to scratching and abrasion of film, multi-layer, permeable and self-levelling coloured resin-based type floors. Resistant to water, oil, hydrocarbons and liquids used for food purposes.

**PRODUCT STRENGTHS**

- For internal use
- Thicknesses from 1.5 to 3 mm
- Suitable for impregnation and low-yellowing consolidation of absorbent mineral substrates

**GREENBUILDING RATING®**

**PRODUCT STRENGTHS**

- Coverage = 70 - 80 ml/m² per coat • Pallet 396 l • Shelf life = 12 months in the original packaging, protect from frost, avoid direct exposure to sunlight and sources of heat

**FACTORY FLOW EP**

Transparent, two-component, self-levelling coat, low yellowing and high transparency for resin floors.

Factory Flow EP is a self-levelling product with a high level of specific transparency to give resin floors a strong feeling of depth and three-dimensional structure. Impermeable to water, oil, and liquids used for food purposes.

**PRODUCT STRENGTHS**

- Coverage = 2 – 4 kg/m² • Pallet 144 kg • Shelf life = 12 months in the original packaging, protect from frost, avoid direct exposure to sunlight and sources of heat
Factory Eco Epofast

Eco-friendly, fluid, organic additive, specifically designed to accelerate hardening of Slc® Eco EP21, ideal for use in GreenBuilding. Single-component, with reduced solvent content, safeguards the health of both operators and the environment.

Factory Eco Epofast is specifically designed to activate the catalytic reaction of Slc® Eco EP21, accelerating the hardening times of consolidating treatments, resin-based mortars and epoxy screeds, reducing the waiting time before application of successive layers.

**GREENBUILDING RATING®**

![GCR System Accredited by Certification Bodies SGS](image)

**PRODUCT STRENGTHS**

- Internal, external
- Fluid single-component product, it guarantees fast, easy mixing
- Ideal even in low temperature applications

- **Coverage**: > 20 – 40 g/kg Slc® Eco EP21
- **Shelf life**: 12 months in the original packaging, protect from frost, avoid direct exposure to sunlight and sources of heat

Factory Tixolight

Ultra-light, single component thickening additive, specific to render Slc® Eco EP21 thixotropic.

Factory Tixolight is specifically designed to give Slc® Eco EP21 a highly thixotropic rheology, ideal to carry out perfectly level and drip-free filling, grouting and finishing of vertical surfaces.

**PRODUCT STRENGTHS**

- Internal, external
- Extremely easy to mix
- Thickens without becoming heavy, guaranteeing flat, drip-free joints and finishing coats

- **Coverage**: > 100 – 150 g/kg Slc® Eco EP21
- **Pallet**: 120 kg
- **Shelf life**: 12 months

Net 90

Alkali-resistant fibreglass reinforcing mesh to strengthen synthetic and mineral finishing coats.

Net 90 is specifically designed as a reinforcement for finishing coats using Keralevel® Eco Floor in the presence of uneven or cracked substrates.

**PRODUCT STRENGTHS**

- Internal, external
- High elastic and mechanical resistance
- Quick and easy to apply
- Without memory effect

- **Pallet**: 1800 m

---

**Code** | **Pack**
--- | ---
06105 | 4 x 160 g

---

**Code** | **Pack**
--- | ---
06545 | 1 kg

---

**Code** | **Pack**
--- | ---
12189 | 50 m
Quarzo

Eco-friendly, calibrated, controlled granulometry mineral quartz, washed and free of organic impurities, perfectly dry, ideal for use in GreenBuilding.

<table>
<thead>
<tr>
<th>Code</th>
<th>Pack</th>
</tr>
</thead>
<tbody>
<tr>
<td>0113</td>
<td>Quarzo 1.3 25 kg</td>
</tr>
<tr>
<td>0112</td>
<td>Quarzo 5.12 30 kg</td>
</tr>
</tbody>
</table>

- **Pallet** 1500 kg (Quarzo 1.3) – 1800 kg (Quarzo 5.12)
- **Unlimited shelf life**

Fugabella® Eco PU 40

Eco-friendly, polyurethane, thixotropic organic sealant with a high level of resistance to abrasion for fractionizing joints, ideal for use in GreenBuilding. Safeguards the health of the environment.

Fugabella® Eco PU 40 develops high surface hardness, guaranteeing the watertightness of seals under the most extreme levels of thermal and mechanical stress in industrial and commercial flooring subject to heavy traffic.

<table>
<thead>
<tr>
<th>Code</th>
<th>Pack</th>
</tr>
</thead>
<tbody>
<tr>
<td>10810</td>
<td>03 - Pearl Grey 12x310 ml</td>
</tr>
<tr>
<td>10812</td>
<td>04 - Iron Grey 12x310 ml</td>
</tr>
<tr>
<td>10814</td>
<td>05 - Anthracite 12x310 ml</td>
</tr>
<tr>
<td>10816</td>
<td>08 - Bahama Beige 12x310 ml</td>
</tr>
</tbody>
</table>

**GREENBUILDING RATING®**

- **IAQ**
- **SLV**
- **ECOLOGICAL IMPACT**
- **Health Care**
- **Solvent-free**
- **No environmental hazard rating**

**PRODUCT STRENGTHS**

- Walls and floors, for internal and external use, suitable for painting
- Suitable for porcelain and ceramic tiles
- High level of adhesion to absorbent and non-absorbent surfaces

**PERFORMANCE**

- **Max. allowed movement ≤ 10%** (ISO 9046)
- **Joint width** from 6 mm to 35 mm
- **Temperature range for application** from +5 °C to +35 °C
- **Curing time** ≈ 1 hr
- **Reticulation time** ≤ 4 mm / 24 hrs

- **Coverage** ≈ 3 m² (joint 10x10 mm) with 1 cartridge (310 ml)
- **Pallet** 936 pcs.
- **Shelf life** – 12 months in the original packaging, protect from frost, avoid direct exposure to sunlight and sources of heat
The hues shown are intended as an indication only.
The product feasibility is indicated for each shade.
Factory systems