Building sealants

→ Tetra
→ Hyper

kerakoll

Tetra Technology.

Based on a new amorphous, high molecular weight hybrid polymer with high technical performance, the Tetra Polymer technology is the new creation of Kerakoll's GreenLab research centre. Thanks to its innovative long-chain chemical structure, it offers greater workability, lower environmental impact and maximum safety for the professional, ensuring less exposure to chemical agents and free isocyanates.

The new Tetra Polymer technology is designed to offer the market new sealants and elastic adhesives with superior performance.

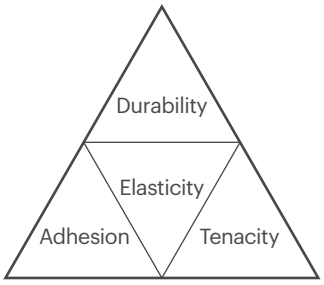
Tetra Polymer technology is based on 4 principles that make the polymer extremely versatile:

→ **Elasticity**
Extreme elasticity allows Tetra sealants to deform under the action of loads, including high loads, safeguarding the integrity of the materials within the system.

→ **Adhesion**
Adhesion of Tetra sealants to all substrates ensures maximum tightness and stability.

→ **Tenacity**
Tetra products are highly resistant to static and dynamic stress and provide superior cohesion due to the high tenacity of the polymer.

→ **Durability**
The Tetra polymer combines a stable formula with controlled reactivity and high resistance to UV rays, ensuring long-lasting applications.



Tetra Polymer Technology

Tetra sealants: designed and developed for professionals.

Tetra Polymer technology is at the core of a new range of specific products that express the full potential of Kerakoll's new know-how: innovative materials with balanced elasticity, high adhesion and tenacity that ensure elastic joints and long-lasting bonding.

The new **Tetra** range is designed to simplify and improve the work of contractors offering versatile products that ensure superior performance, excellent workability and ease of use.

Tetra products are compatible with all building materials and all substrates, including damp ones, and are overpaintable; they allow the creation of permanently elastic artefacts in all conditions, even the most extreme.

Designed to respect the health of professionals, **Tetra Polymer technology** achieves environmental sustainability goals consistent with a modern, more sustainable, low impact building. The new hybrid polymer, completely free of free isocyanates, is the basis for the formulation of more stable and odourless products to work in total safety while respecting health and the environment.

The range of high-performance sealants for all substrates and applications.

From Tetra Technology come 3 highly specialised products to meet all the needs of professionals.

Tetra products are odourless, suitable for contact with all building materials, including damp ones, and are perfectly overpaintable.

→ **Tetra Seal**

→ **Tetra Tack**

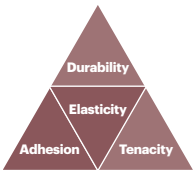
→ **Tetra Fix**

Compatible substrates
concrete
aluminium
timber
plasterboard
ceramic tiles
plaster
glass
brick

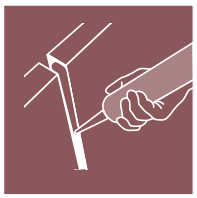
Tetra Seal

Elastic hybrid sealant for joints subject to strong expansion.
The perfect sealant for any type of long-lasting joint.

→ Extreme flexibility
→ Total compatibility with porous and non-porous substrates, including damp ones
→ Overpaintable
→ For internal and external use
→ Prolonged workability
→ High resistance to UV rays
→ High resistance to abrasion
→ Low elastic modulus

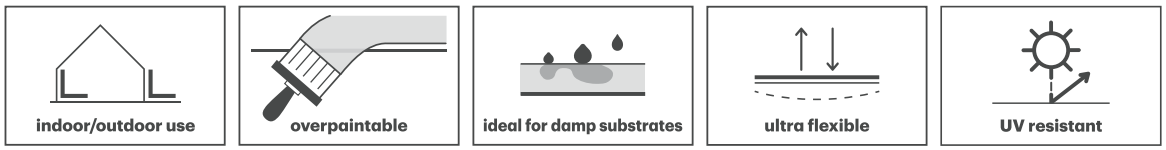


Tetra Polymer Technology



Available colours: white, light grey and anthracite

Application:
→ Any type of elastic sealing
→ Floor and facade expansion joints
→ Concrete facade joints
→ Sealing of metal or wooden structural work
→ Windows and doors

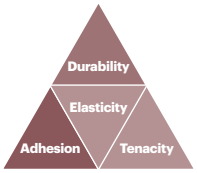



Light Grey
Tetra Seal
Sigillante ibrido elastico per giunti a forti dilatazioni.
EN → Elastic hybrid sealant for joints subject to strong expansion.
DE → Elastischer Hybrid-Dichtstoff für Fugen mit starker Dehnung.
FR → Mastic d'étanchéité hybride, élastique pour les joints soumis à de fortes

Tetra Tack

Elastic hybrid adhesive with high initial setting. Instant bonding.

→ **Tetra Tack**
→ **Tetra Tack Crystal**

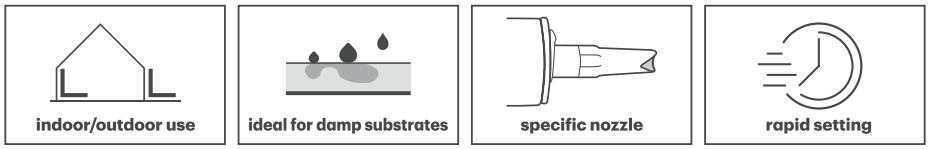


Tetra Polymer Technology

Available colours: white and transparent

→ Higher suction effect
→ High final tightness
→ Compatible with porous and non-porous substrates, including damp ones
→ Permanent elasticity
→ Extreme bonding power
→ Crystal: for invisible bonding

Application:
→ Long-lasting elastic bonding
→ Bonding of components, including those subject to stress
→ Bonding of decorative elements, plasterboards, panels, stair coatings, kitchen countertops, skirting boards
→ Bonding of construction elements without the use of initial supports thanks to high initial setting

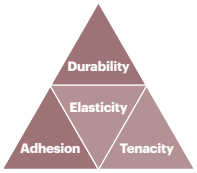



White
Tetra Tack

Tetra Fix

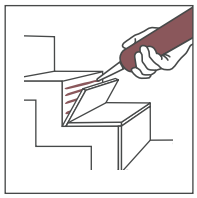
Elastic hybrid adhesive sealant for all building materials.

→ **Tetra Fix**
→ **Tetra Fix Crystal**



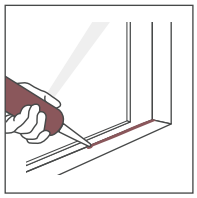
Tetra Polymer Technology

→ Multi-purpose
→ Quick curing
→ Overpaintable
→ Compatible with porous and non-porous substrates, including damp ones
→ Crystal: invisible sealing and real crystal effect

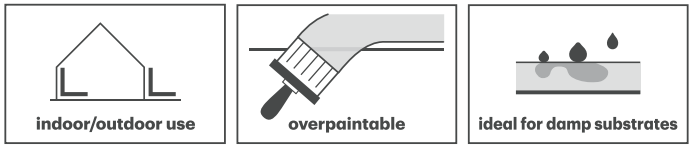


Available colours: white, light grey and black

Application:
→ Elastic sealing and bonding of various building components
→ Plinths, thresholds, sills
→ Stair coverings
→ Skirting board
→ Panels in general



Available colours: transparent




Tetra Fix Crystal
Adesivo-sigillante ibrido elastico per tutti i materiali da costruzione.

Hyper, sealants and foams serving the building site.

Different products to meet the different needs of the building site, thanks to their versatility and ease of use.
Formulated to seal, fill, insulate and protect all surfaces and materials.

→ **Hyper Seal**

→ **Hyper Fill**

→ **Hyper Foam**


Foam Combi
Schiuma
auto-
espansiva
per
riempimento
e fissaggio.

Sealants

→ **Hyper Seal**
→ **Hyper Seal Crystal**

Neutral silicone for construction, carpentry, and window and door frames.

→ Easy to smooth
→ For internal and external use
→ Adhesion to the most common construction materials

Application:

→ Ideal for expansion joints and seals in metal or wooden structural work, window and door frames

Available colours: white, light grey, anthracite and transparent

Hyper Fill

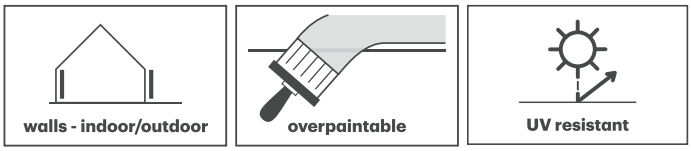
Paintable acrylic sealant for filling cracks and gaps.

→ Paintable
→ Soft to extrude
→ Rapid

Application:

→ Specifically designed for sealing joints between masonry and plaster/render and between doors and windows, filling cracks or gaps

Available colours: white



Foams

→ **Hyper Foam M**
→ **Hyper Foam Combi**

Self-expanding foam for filling and fastening.

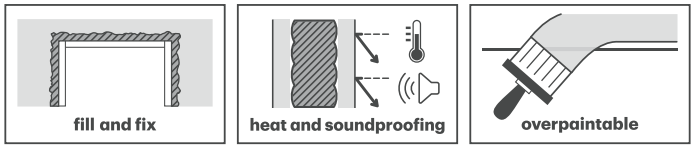
Application:

→ Ideal for sealing, insulating, filling, plugging and grouting

→ Excellent heat and soundproofing

→ Ideal for reducing heat dispersal

→ Moderate post-expansion



→ **Hyper Foam Fire M**
→ **Hyper Foam Fire G**

Self-expanding foam for filling and fastening. Fire-resistant.

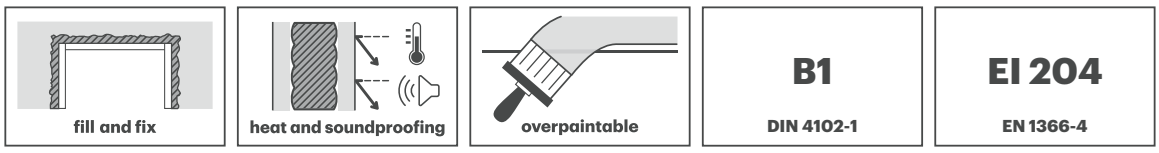
Application:

→ Specifically designed for filling and statically sealing fire-resistant joints and cracks

→ Heat and soundproofing

→ High stability in holding its shape

→ Excellent adhesion



Hyper Foam Clean

Cleaner for guns and PU foams.

Synoptic table of applications with sealants

Range	**Tetra**			**Hyper**			
Product	Tetra Seal	Tetra Tack	Tetra Fix	Hyper Seal	Hyper Fill	Hyper Foam	Hyper Foam Fire
Chemical nature	Hybrid	Hybrid	Hybrid	Neutral Silicone	Acrylic	Polyurethane-based	Polyurethane-based
Substrates							
Porous	●	●	●	●	●	●	●
Non-porous	●	●	●	●	●	●	●
Damp	●	●	●			●	●
Use							
For internal use	●	●	●	●	●	●	●
External	●	●	●	●	●	●	●
Walls	●	●	●	●	●	●	●
Floor	●						
Bathroom fittings	●		● crystal				
Applications							
Elastic sealing	○○○○		○	○○			
Elastic bonding		○○○○	○○				
Filling					●	●	●
Instant bonding		●					
Properties							
Elasticity	○○○○	○○○	○○	○○○			
Resistance to UV rays	○○○○		○○	○○○	○		
Overpaintable	●	●	●		●	●	●
Transparency		crystal +	crystal ++	crystal			
Suction effect		○○○○					
Marks							
EN 15651							
Part 1 - Sealants for facades	●		●	●	●		
Part 2 - Sealants for glass surfaces	●			● coloured			
Part 3 - Sealants for bathroom fittings	●		● crystal	● coloured			
Part 4 - Sealants for walkways	●						
DIN 4102-1							B1
EN 1366-4							30 to 240 minutes depending on the joint configuration

○ Performance (1-4)
\+ Degree of transparency

Download the full synoptic table

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