

# 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**

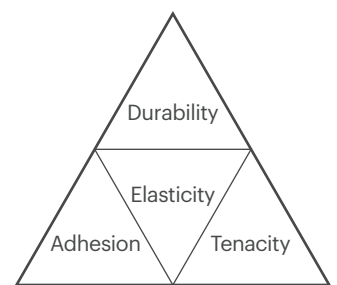
Adhesion of Tetra sealants to all substrates ensures maximum tightness and stability.

→ **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

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concrete

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aluminium

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timber

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plasterboard

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ceramic tiles

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plaster

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glass

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brick

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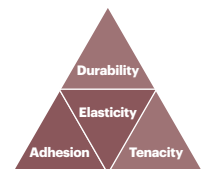
# Tetra Seal

**Elastic hybrid sealant for joints subject to strong expansion.**

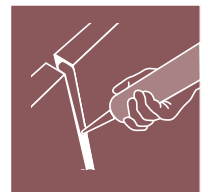
**The perfect sealant for any type of long-lasting joint.**



- 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



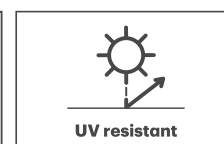
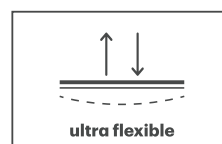
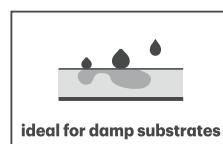
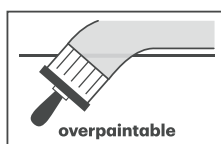
Tetra Polymer Technology



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





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

Sigillante  
ibrido  
elastico  
per giunti  
a forti  
dilatazioni.

# Leura Seal

Light Grey



# Tetra Tack

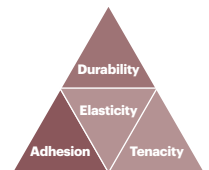
**Elastic hybrid adhesive with high initial setting. Instant bonding.**

- **Tetra Tack**
- **Tetra Tack Crystal**

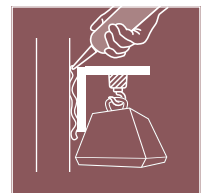
- Higher suction effect
- High final tightness
- Compatible with porous and non-porous substrates, including damp ones
- Permanent elasticity
- Extreme bonding power
- Crystal: for invisible bonding

Application:

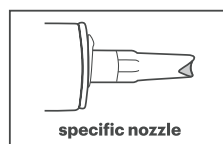
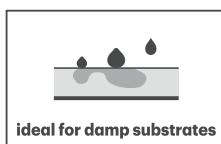
- Long-lasting elastic bonding
- Bonding of components, including those subject to stress
- Bonding of decorative elements, plasterboards, panels, stair coatings, kitchen countertops, skirting boards
- Bonding of construction elements without the use of initial supports thanks to high initial setting



Tetra Polymer Technology



Available colours:  
white and  
transparent





Tetra Tack

White

Adesi  
ibridi  
elastici  
a elevata  
presa  
iniziale  
Fissaggio  
istantaneo

EN - Zuhalt  
adhesive with  
DE - Zuhalt  
Hybridkleber  
Anfangs  
starke  
FR - Adhésif  
hybride

# Tetra Fix

## Elastic hybrid adhesive sealant for all building materials.

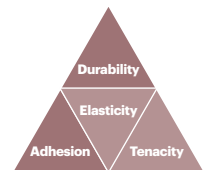


- **Tetra Fix**
- **Tetra Fix Crystal**

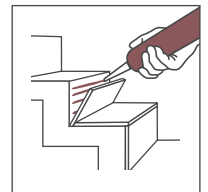
- Multi-purpose
- Quick curing
- Overpaintable
- Compatible with porous and non-porous substrates, including damp ones
- Crystal: invisible sealing and real crystal effect

### Application:

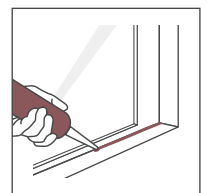
- Elastic sealing and bonding of various building components
- Plinths, thresholds, sills
- Stair coverings
- Skirting board
- Panels in general



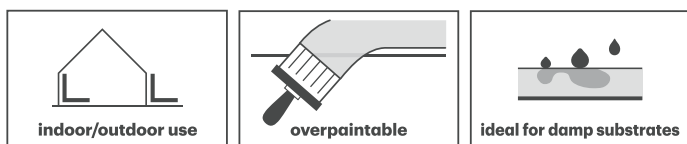
Tetra Polymer Technology



Available colours:  
white, light grey  
and black



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.

INGER-DURANO(CO)

2141 W1810-CC

AND(CO) E WIL

# Sealants

## → **Hyper Seal**

### → **Hyper Seal Crystal**

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

→ Easy to smooth

→ For internal and external use

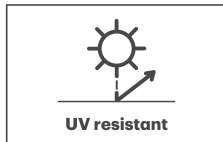
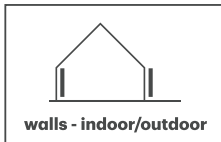
→ Adhesion to the most common construction materials

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.

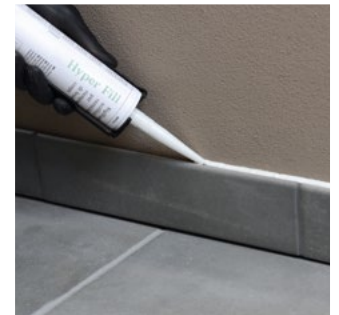
→ Paintable

→ Soft to extrude

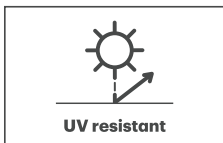
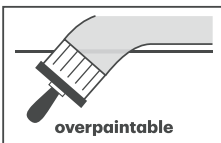
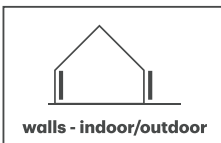
→ Rapid

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**

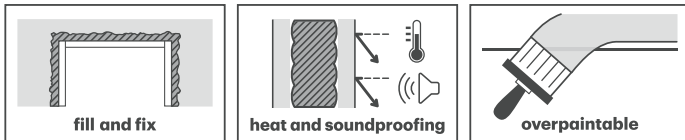
### → **Hyper Foam Combi**

Self-expanding foam for filling and fastening.

- Excellent heat and soundproofing
- Ideal for reducing heat dispersal
- Moderate post-expansion

Application:

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



## → **Hyper Foam Fire M**

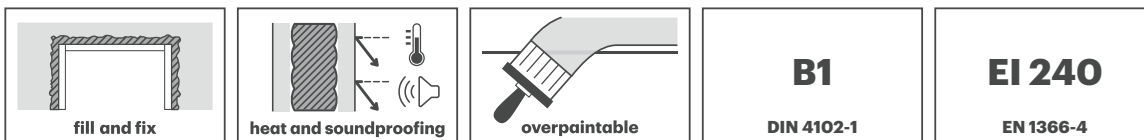
### → **Hyper Foam Fire G**

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

- Heat and soundproofing
- High stability in holding its shape
- Excellent adhesion

Application:

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



## **Hyper Foam Clean**

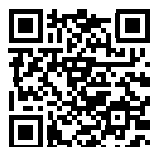
Cleaner for guns and PU foams.



# 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
<b>Chemical nature</b>	Hybrid	Hybrid	Hybrid	Neutral Silicone	Acrylic	Polyurethane-based	Polyurethane-based
<b>Substrates</b>							
Porous	●	●	●	●	●	●	●
Non-porous	●	●	●	●	●	●	●
Damp	●	●	●			●	●
<b>Use</b>							
For internal use	●	●	●	●	●	●	●
External	●	●	●	●	●	●	●
Walls	●	●	●	●	●	●	●
Floor	●						
Bathroom fittings	●		● crystal				
<b>Applications</b>							
Elastic sealing	○○○○		○	○○			
Elastic bonding		○○○○	○○				
Filling					●	●	●
Instant bonding		●					
<b>Properties</b>							
Elasticity	○○○○	○○○	○○	○○○			
Resistance to UV rays	○○○○		○○	○○○	○		
Overpaintable	●	●	●		●	●	●
Transparency		crystal +	crystal ++	crystal			
Suction effect		○○○○					
<b>Marks</b>							
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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