

Product Description

ISPOHYBRID 20 is a highly elastic, durable, high-quality sealant for expansion joints in façades and floors, that is based on hybrid technology and moisture-cures into a durable rubber that retains its high elasticity.

- Particularly suited for sealing of expansion joints (dilation, connecting, mechanical and peripheral joints), such as between/along concrete, natural and other stone, masonry, stainless and other steel, coated and anodized aluminum, plastic, PVC, wood, glass and more.
- Joint seals in façades, floors, galleries, balconies, landings, terraces, staircases, storage rooms, parking garages, platforms, tunnels and roadway and bridge components.
- Apply a durable elastic seal to façade components, such as between/along windows, door and window frames, sections, panels, board materials, prefab components and more.
- Natural stone seals, such as on marble, granite, slate, hard stone and other porous (absorbent) stone types, such as aerated or non-aerated concrete, sand-lime brick, masonry, brick and other porous building materials, such as untreated wood.
- Top and bead seals in laminated and insulating glass, in accordance with NEN 3576/NPR 3577.
- Apply durable, highly elastic seals between concrete, wood, plastic and metal parts.
- Repair compound for maintenance on MSP/hybrid expansion joints in the construction and industrial sectors.

Properties

- Durable, retains elasticity, maximum movement capacity of 25%.
- Excellent adhesion without primer on practically all surfaces, even moist ones.
- User-friendly and versatile applications in building structures and glazing structures.
- Paintable with water-based paint systems.
- Free of isocyanate, solvents and silicone.
- Very low emission: certified EMICODE EC1 PLUS.
- Good resistance to discolouration, UV, weather, water, moisture and ageing.
- Non-corrosive to metals.
- No staining or bleeding on porous stone types or other materials.
- Low-odour, adhesive-free, acid-free and non-shrink curing CE-certified hybrid system.

Packaging

In 600ml aluminum sausage,

Colors

White, Grey, Black and various colors

Shelf Life

Store the product in a cool and dry place. The shelf life is 15 months at temperatures between +5°C and +25°C.

Paintability

ISPOHYBRID 20 is excellently paintable with emulsion paints. However, we recommend to try on a small piece before.

Application Details

The application surface must be solid, clean, dry, and free of dust, oil, and grease. Apply a primer if necessary. If necessary, rub down metal surfaces before usage. Allow the substrate to dry after degreasing.

It is recommended to clean concrete with a metal brush.

Usage

- Can be applied by a manual or pneumatic gun.
- After application, it is needed to smooth the joint with soapy water.
- It is suggested to use cartridge or sausage in 24 hours after opening.
- Do not apply at a temperature under 5 °C.
- In cold weather, store the packages at about 20 °C before use.
- Opened cartridges should be used the same day.

Cleaning

Tools can be cleaned with alcohol or acetone before the sealant has completely cured. After curing, abrasion is necessary.

Technical Information

Chemical Base	Hybrid
Application temperature	5°C to 40°C
Specific gravity (DIN 53479)	1,30 ± 0,03 g/cm ³
Tack Free Time (25°C, 50% H.R)	15-20 min
Cure Rate (25°C, 50% H.R)	2 mm/24 hours
Elongation at Break (DIN 53504)	450%
Hardness Shore A (DIN 53504)	20±5
Tensile Strength (DIN 53504)	>1 Mpa
Modulus 100% (DIN 53504)	0.29
Temperature Resistance	-40 °C to +100 °C

Make sure you have read our MSDS carefully before using this product

