

Product Description

ISPOHYBRID 55 is a universal, multi-purpose, high-quality professional sealant and installation and construction adhesive that is based on hybrid technology and moisture cures into a durable rubber that retains its elasticity.

- Universal sealant and construction and installation adhesive for practically any surface and building material.
- Construction and glazing compound for windows, window and door frames, sections, greenhouses, façades and more.
- Fungicidal joint sealant in sanitary spaces and other spaces with plumbing fixtures, as well as cold storage units.
- For sealing, adhesion and installation in places where foodstuffs are stored and/or processed.
- Construction and installation adhesive for skirting boards, slats, strips, mouldings, boards, panels, tiles, stones, EPDM film, post-and-lintel slabs and more.
- Mirror adhesive for stainless and powerful mirror adhesion/installation.
- Natural stone sealant/adhesive for marble, granite, hard stone, concrete and other open materials.
- Construction compound for bridge and slab joints, between concrete parts, such as in floors and galleries.
- Sealing of stainless-steel shower drains, floor drains and rainwater drainage systems.
- Metal sealant/adhesive for construction of roofs, façades, bodywork, trailers, ships, containers and air ducts.
- Structural adhesion in vibrating structures, such as in the construction of façades, transport equipment and other machinery and equipment.
- Repair adhesive for MSP/hybrid and loose building components.

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 discoloration, 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 sausage.
In 290 ml cartridge.

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 55 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)	1,48 ± 0,03 g/cm ³
Tack Free Time (25°C, 50% H.R)	10-15 min
Cure Rate (25°C, 50% H.R)	2-3 mm/24 hours
Elongation at Break (DIN 53504)	>300%
Hardness Shore A (DIN 53504)	60±5
Tensile Strength (DIN 53504)	>2.7 Mpa
Modulus 100% (DIN 53504)	1.6
Temperature Resistance	-40 °C to +100 °C

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

