

Product Description

ISPOHYBRID 57 HT is super tough, stainless, elastic and versatile construction and installation adhesive, with extremely high initial adhesion, for heavy-duty, instant and permanent adhesion, that is based on hybrid technology and moisture-cures into a durable rubber that retains its elasticity.

- Particularly suitable for use as a super-strength installation and construction adhesive, for heavy-duty, instant and permanent adhesion or installation, for almost all surfaces and building materials, without using clamps, stamps or mounting tape.
- Powerful installation and construction adhesive, for instant and heavy-duty adhesive bonds.
- Structural adhesion in vibrating structures, such as in the construction of façades, transport equipment and other machinery and equipment.
- Adhere and install mirrors, natural and hard stone, marble, granite, concrete and other critical/porous materials.
- Installation and construction adhesive for sections, panels, skirting board, mouldings, insulation and panelling materials, slats, beams, stones, tiles and more.
- Adhere and install metal parts in the construction of roofs, façades, containers, air ducts, trailers, bodywork and ships.

Properties

- Extremely high initial adhesive strength of at least 400 kg/m², instant, strong and permanent bond.
- Durable, retains elasticity, maximum movement capacity of 20%.
- Versatile both indoors and out, super strong, fast and user-friendly.
- Excellent adhesion without primer on practically all surfaces, even moist ones.
- Rapidly strengthens, cures and reaches ultimate strength.
- High ultimate strength and mechanical resistance, for heavy-duty adhesive connections.
- Superb paintability with synthetic and emulsion paint systems.
- Thixotropic, no sagging, ideal for overhead applications.
- Non-corrosive to metals.
- Compatible in direct contact with the silver coating on mirrors and PVB-laminated glass.
- Odourless, adhesive-free, bubble-free and non-shrink curing hybrid system.
- Good resistance to UV, weather, water, moisture and ageing.
- Free of isocyanate, solvents and silicone.
- Very low emission: certified EMICODE EC1 PLUS.
- No staining or bleeding on porous/open/absorbent materials or surfaces, such as natural stone and concrete, and no edge contamination.
- Absorbs acoustic and mechanical vibrations well.
- Optimal sandability and grindability once fully cured.

Packaging

In 600ml sausage,
In 290 ml cartridge

Colors

White, Black

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 57 HT 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)	1,58 ± 0,03 g/cm ³
Tack Free Time (25°C, 50% H.R)	10 min
Cure Rate (25°C, 50% H.R)	3 mm/24 hours
Elongation at Break (DIN 53504)	250%
Hardness Shore A (DIN 53504)	65±5
Tensile Strength (DIN 53504)	2.9 MPa
Modulus 100% (DIN 53504)	1.65 MPa
Temperature Resistance	-40 °C to +100 °C

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

