

TECHNICAL DATA SHEET

IND 70 INDUSTRIAL ADHESIVE



Promast MS IND70 is a one-component, environment friendly high-performance adhesive sealant that is designed to provide strong bonding and sealing properties while remaining flexible and durable. Promast MS IND70 does not contain any solvents and/or isocyanates.

TECHNICAL DATA

■ Basis	MS Polymer
■ Consistency	MS Polymer
■ Curing system	Moisture Curing
■ Tack-free time	Ca. 15 mins
■ Skin formation time * (20 °C / 65% R.H.)	Ca. 25 mins
■ Curing speed * (20 °C / 65% R.H.)	2,5/ 24 h
■ Density	1,5 g/ml
■ Hardness (DIN 53505)	60 ± 5 Shore A
■ Temperature Resistance	-40 °C → 90 °C
■ Max. Tension (DIN 53504)	3 N/mm ²
■ Elongation at Break (DIN 53504)	< 400 %
■ Application Temperature	5 °C - 35 °C

APPLICATIONS AREAS

- Transportation and automotive assembly: It can be used for bonding and sealing metal, glass, and plastic components in automobiles, trucks, and other vehicles.
- Construction and building components: This adhesive is suitable for sealing joints and gaps in construction materials such as metal, concrete, brick, and wood.
- HVAC and ventilation systems: It can be used for bonding and sealing HVAC components such as ducts, pipes, and fittings.
- Electrical and electronic equipment: The adhesive's electrical insulation properties make it suitable for bonding and sealing electronic equipment, such as control panels and circuit boards.
- Marine and offshore applications: It is resistant to water, salt, and other marine environments, making it ideal for bonding and sealing components in boats, ships, and offshore structures.
- Bonding of polyester parts on metal frames (?)

SPECIFICATIONS

- Excellent and instant adhesion to various materials, plastics, metals, tiles.
- Not affected by surface moisture during curing, does not bubble.
- Does not contain any toxic materials, odorless.
- Excellent color stability, non-yellowing.
- Can be applied even under water.
- Permanent elasticity.
- Primerless adhesion.
- Over-paintable.
- Waterproof.
- Non-shrinking.
- UV resistant.
- Water and sea salt resistant.

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REMARKS

- Promast MS IND70 can be applied to a wide variety of substrates. However, since specific substrates such as plastics, like polycarbonate, etc., may differ from manufacturer to manufacturer, we recommend a preliminary compatibility test.
- While producing plastics, very often, releasing agents, processing aids, and other protective agents (like protection foil) are used. These should be removed before bonding. For good adhesion, you should use a Surface Activator.
- Promast MS IND70 can not be used as a glazing sealant.
- Not suitable for bonding aquariums.
- Promast MS IND70 can be used for bonding natural stone but not as a joint sealant on this type of surface. Promast MS IND70 can only be used on the bottom of natural stone tiles.
- When you apply, please ensure the materials' surface is not smudged with sealant.
- The sanitary formula should not replace regular cleaning of the joint. Excessive contamination, deposits, or soap remains will stimulate the development of fungi.
- When using different reactive joint sealants, the first joint sealant must be hardened entirely before the next one is applied.
- Promast MS IND70 has good UV resistance but can discolor under extreme conditions or after very long UV exposure.
- Discoloration due to chemicals, high temperatures, and UV radiation may occur. However, a change in color does not affect the technical properties of the product.
- Contact with bitumen, tar, or other plasticizer-releasing materials, such as EPDM, neoprene, butyl, etc., is to be avoided since it can give rise to discolorations and loss of adhesion.
- Please do not use it in applications where continuous water immersion is possible.

SURFACE PREPARATION

- Surfaces which contact with adhesive must be clean and dry and not contain any oil, dust, or rust.
- Non-porous surfaces must be cleaned in advance with a suitable solvent.
- The applied solvent must be kept well from the surface without allowing it to evaporate.
- Primer is not needed before the application.

APPLICATION METHOD

- With a manual - or pneumatic caulking gun.

PACKAGING (VOLUME)

600 ml sausage x 12 pieces

SHELF LIFE

15 months in unopened packaging in a cool and dry storage place at temperatures between +5°C and +25°C.



MANUFACTURER:
 PROMAST Kimya San. Tic. A.Ş. Ovacık Mh.
 Hacıoğlu Sk. No:21 B/0 41140 Başiskele
 KOCAELİ | TURKEY T: +90 (262) 335 41 82
 F: +90 (262) 335 41 83