



# ISR 70-10

## SILYL MODIFIED POLYMER

### KEY BENEFITS

- Multi-purpose adhesive & sealant
- Easy to use
- Only for Interior applications

### PRODUCT DESCRIPTION

Bostik ISR 70-10 is an elastic multi-purpose adhesive suitable for indoor applications. Bostik ISR 70-10 exhibits good adhesion performance on a wide variety of substrates (minimal or no pre-treatment necessary) while it can be overpainted with most common industrial paints.

### APPLICATIONS

- Elastic bonding and sealing
- Bonding & sealing of materials differing in colour.

### FEATURES

- Multi-purpose adhesive & sealant
- Easy to use
- Only for Interior applications

### METHOD OF USE

Bostik ISR 70-10 can easily be extruded with a hand or air pressure applicator at temperatures between +5°C and +35°C. In bonding applications, the substrates need to be assembled within 10 minutes (at 23°C/50% R.H.) of applying ISR 70-10. A minimum adhesive thickness of 2 mm is recommended. Bostik ISR 70-10 should be tooled off or smoothed within 10 minutes (at 23°C/50% R.H.) using a spatula or putty knife, occasionally moistened with a watery soap solution (avoid soap containing limonene as these can cause discoloration of the sealant). Avoid soap solution penetrating between joint sides and adhesive, as this will cause loss of adhesion. Cleaning tools or removing uncured residue of ISR 70-10 can be done with a clean colourless cloth, wetted with Bostik Liquid 1.

### TECHNICAL DATA

Basic Material		Silyl Modified Polymer (SMP)
Specific Gravity	[g/ml]	ca. 1.1
Skin Forming Time	[min]	ca. 10
+23°C/50% R.H.		
Curing Mechanism		Moisture
Curing Speed	[mm]	ca. 2.5
23°C/50% R.H.		
Shore A Hardness		ca. 35
Colour		Transparent
Tensile Stress At 100%	[MPa]	ca. 0.75
ISO 37 (dumbbells)		
Tensile Stress At Break	[MPa]	ca. 2.4
ISO 37 (dumbbells)		
Elongation At Break	[%]	ca. 450
ISO 37 (Dumbbells)		
Temperature Resistance	[°C]	-40 to +90*
Application Temperature	[°C]	+ 5 to +40

\* = 10 Cycles of 7 hours at 110°C followed by 17 hours at 23°C/50%RH.

### PACKAGING DESCRIPTION

290ml cartridge

## ADHESION

Bostik ISR 70-10 adheres well without primer on most clean, dry, dust and grease free substrates. Due to the wide variety of substrates available Bostik recommends adhesion testing prior to use. No adhesion will be obtained on untreated polyethylene, polypropylene and Teflon. In case that on a substrate adhesion is not ideal, the use of Bostik Prep CS or Prep M is recommended, especially under wet conditions. Prep CS and Prep M degrease and prepare the surface of the substrate for bonding in one single step. For more details on Prep CS, Prep M and consult the concerned Technical Data Sheet.

## STORAGE STABILITY

ISR 70-10 can be stored for 18 months in an original, unopened package in a dry place at temperatures between +5°C and +30°C.

## FURTHER INFORMATION

The following publication is available on request:  
- Material Safety Data Sheets (MSDS).

## DISCLAIMER

Bostik provides this Technical Data Sheet ("TDS") for descriptive and informational purposes only. It does not constitute a warranty, a contract, or a substitute for expert or professional advice. Please refer to the local product Safety Data Sheet for health and safety information. The statements, technical information, data, and recommendations contained in this TDS are provided "AS IS" without any warranties or guarantees of any kind. They represent typical results for the products based solely on Bostik's research. Since the conditions and methods of use of the products are beyond our control, Bostik expressly disclaims any and all liability for any damages of any kind that may result from the use of the products, the results obtained, or reliance on the information contained herein.