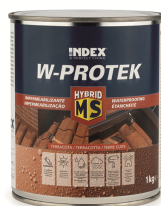


## MS-IS

1 kg



5kg



### CERTIFICATES



**ISEGA**

**CE**

23

Técnicas Expansivas, S. L.  
C/ Segador, 13  
26006 Logroño (La Rioja) SPAIN

MSISX00

EN 1504-2:2004

DoP: MS-IS – [www.indexfix.com](http://www.indexfix.com)

### PRODUCT DESCRIPTION

- Waterproof sealant based on MS hybrid polymer for sealing horizontal and vertical surfaces. Single-component product.

### CHARACTERISTICS

- Single-component product, ready for application. Low viscosity
- Does not contain solvents or diisocyanates
- Conforms to EN1504-2:2004
- Easy to apply, excellent handling. Can be applied in up to 2 coats, maximum 2 mm in total.
- Stable within the operating temperature range of -40 °C to +80 °C.
- Adheres extremely well to many surfaces and materials (e.g. concrete, wood, ceramics, metals, etc.) even if these are weathered, worn or damp - and even without primer.
- Rain resistant even just 2 hours after application (at 23 °C and 50% relative humidity)
- Good for sealing cracks, vapour-permeable
- Resistant to a wide range of chemicals.
- UV and weather resistant.
- Can be painted
- Can be applied in a temperature range from +5 °C to +40 °C
- Rapid curing time
- The surface is not adhesive after the product has cured
- Coverage: 1.4 kg/m<sup>2</sup> (for a 1 mm layer) and 2 kg/m<sup>2</sup> (for a 2 mm layer with reinforcing mesh)

### APPLICATIONS

- Sealing between gaps, around pipe cutouts, roof windows and skylights with different opening depths, chimney perimeters, etc.
- Sealing various types of leaks and cracks in roofs and walls.
- Waterproofing internal and external joints
- Protecting wooden structures
- For adhesion, the liquid membrane is not valid for use on surfaces
- The liquid membrane is not suitable for use on surfaces where water has been standing for a long period of time

### APPLICATION EXAMPLES



### CAN BE APPLIED TO THESE MATERIALS



1. RANGE						
ITEM	CODE	SIZE	PHOTO	COLOUR	MATERIAL	
1	MSISG01	1 kg			Grey waterproof sealant based on MS hybrid polymer Format: 1 kg container	12
2	MSISG05	5 kg			Grey waterproof sealant based on MS hybrid polymer Format: 5 kg container	12
3	MSIST01	1 kg			Terracotta-coloured waterproof sealant based on MS hybrid polymer Format: 1 kg container	12
4	MSIST05	5 kg			Terracotta-coloured waterproof sealant based on MS hybrid polymer Format: 5 kg container	12

## 2. TECHNICAL CHARACTERISTICS

### 2.1 Uncured MS-IS

Characteristic	Standard	Unit	Value
Base	[--]	[--]	Hybrid polymer
Appearance	[--]	[--]	Grey or terracotta-coloured liquid sealant with low viscosity
Curing mechanism	[--]	[--]	Ambient humidity
Skin formation	23 °C / 50% relative humidity	Minutes	20 – 40
Curing time	23 °C / 50% relative humidity	Hours/mm	3
Application temperature	[--]	°C	+5 to +40

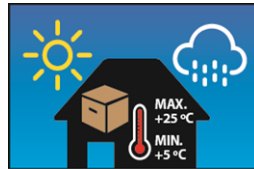
### 2.2 Cured MS-IS

Characteristic	Standard	Unit	Value
Shore A hardness	ISO 868	[--]	25 - 30
Variation in volume	ISO 10563	%	< 3
Tensile strength	ISO 37	MPa	1 – 1.2
Tensile strength	(100%) ISO 37	MPa	0.6 – 0.7
Elongation at break	ISO 37	%	280 – 380
Water permeability	DIN 1048	[--]	Compliant
Twisting	P2	[--]	Constant
Operating temperature	[--]	°C	-40 to +80

### 3. STORAGE CONDITIONS

Store the product in a dry environment, protected from direct sunlight and heat sources, at a temperature of +5 °C to +25 °C.

Product life in unopened container: 12 months from date of manufacture. The expiry date is marked on the outside of the container.



### 4. PRODUCT APPLICATION

#### Application Process

1. The surface to be treated must be clean, free of dust and grease. Remove all loose and poorly-attached parts.
2. Shake before use. Apply undiluted using a brush, roller or spatula.
3. The liquid membrane adheres extremely well to a wide range of surfaces including concrete, cement, glass, ceramics, tiles, wood, metal (aluminium, steel, zinc, copper, etc.). However, it is always advisable to perform an adhesion test before use.
4. The liquid membrane can be used without primer and on damp surfaces, but should not be used on standing water.
5. Mix the liquid membrane thoroughly before use. Apply by roller or brush in two coats to a total thickness of 2 mm. The second coat can be applied over the first coat only after the first coat is fully cured (after 3 hours at 23 °C, 50% relative humidity)
6. After 12 hours (at 23 °C, 50% relative humidity), the work surface should be dry and ready for use.
7. In order to achieve optimum performance, the expansion joints must be adequately dimensioned in advance. Must be used on a suitable surface material which must not adhere to the liquid membrane (e.g. polyethylene foam). In order to achieve optimum elastic properties of the sealant, it is advisable to prepare the expansion joint with a width/depth ratio of 2 to 1, e.g. maximum 1 to 1, minimum joint width 6 mm, maximum joint width 20 mm.
8. Tools and fresh sealant can be cleaned with alcohol. If the sealant has cured, cleaning must be done mechanically.

#### Coverage information

Coverage: 1.4 kg/m<sup>2</sup> (for a 1 mm layer) and 2 kg/m<sup>2</sup> (for a 2 mm layer with reinforcing mesh)