

# TECHNICAL DATA SHEET

## MS SL



### Liquid Sealant

Promast MS SL Liquid Sealant is an environment friendly Liquid Sealant. Suitable to be used for filling deep and narrow horizontal concrete or cementitious cracks where extreme movement is experienced. Promast MS SL does not contain any solvents and/or isocyanates.

### TECHNICAL DATA

■ Tack-free time	Ca. 30 mins
■ Skin formation time * (20 °C / 65% R.H.)	Ca. 40 mins
■ Curing speed * (20 °C / 65% R.H.)	2,00 - 3,00 mm/24h
■ Hardness (DIN 53505)	40 ± 5 Shore A
■ Density	1,30 ± 0,05 g/ml
■ Elastic recovery (ISO 7389)	> 75 %
■ Temperature resistance	-40 °C → 90 °C
■ Max. tension (DIN 53504)	> 2,50 N/mm <sup>2</sup>
■ Elasticity modulus 100% (DIN 53504)	> 0,70 N/mm <sup>2</sup>
■ Elongation at break (DIN 53504)	> 500%
■ Application temperature	5 °C → 35 °C
■ Self life	15 Months

(\* ) these values may vary depending on environmental factors such as temperature, moisture, and type of substrates.

### APPLICATIONS AREAS

- Concrete cracks caused by water leakage.
- Unreachable, thin vertical cracks.
- Filling insulation molds.
- Driveways, garages, sidewalks, warehouses, etc.

### SPECIFICATIONS

- Penetrates deep gaps.
- Cures 30 minutes after application.
- Spreads evenly on the application area.
- Sprayable on vertical surfaces.
- Prolonged elasticity.
- Excellent UV resistance.
- Over paintable.
- Weatherproof.
- Non-shrinking.
- Does not contain any hazardous chemicals - odorless.
- Excellent color stability, non-yellowing.
- Not affected by surface moisture during.
- Curing – does not bubble.



Solvent Free



All Weather



Non Shrinking



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### REMARKS

- Promast MS SL may be overpainted with water-based paints, however, due to a large number of paints and varnishes available we strongly suggest a compatibility test before application.
- The drying time of alkyd resin-based paints may increase.
- Promast MS SL can be applied to a wide variety of substrates. We recommend a preliminary compatibility test because specific substrates such as plastics, polycarbonate, etc, may differ from manufacturer to manufacturer.
- Promast MS SL can not be used as a glazing sealant.
- Not suitable for bonding aquariums.
- Promast MS SL can be used for bonding of and sealing on natural stone.
- The sanitary formula should not replace regular cleaning of the joint. Excessive contamination, deposits, or soap remainings will stimulate the development of fungi.
- Do not use in applications where continuous water immersion is possible.
- A total absence of UV can cause a color change of the sealant.
- When using different reactive joint sealants, the first joint sealant must be completely hardened before the next one is applied.
- Promast MS SL has a good UV resistance but can discolor under extreme conditions or after very long UV exposure.
- Discoloration due to chemicals, high temperatures, UV radiation may occur. 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 discoloration and loss of adhesion.

### CHEMICAL RESISTANCE

Good resistance to (salt)water, aliphatic solvents, hydrocarbons, ketones, esters, alcohols, diluted mineral acids and alkalis. Poor resistance to aromatic solvents, concentrated acids and chlorinated hydrocarbons.

### APPLICATION METHOD

With manual - or pneumatic caulking gun.

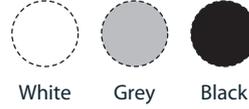
### PACKAGING (Volume)

290 ml cartridge

### SHELF LIFE

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

### COLORS



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