



### DESCRIPTION

DURASEAL PS is a two component, polysulfide based, high performance, full elastic, cold applied joint sealant for horizontal and vertical joints providing waterproofing.

### USES

- In indoor and outdoor areas, moving and in motion joints,
- Airport, warehouse and garages, parking, fuel plants,
- Prefabricated building joints, highways and bridges,
- General construction is used for horizontal, vertical joint filling and water isolation works.

### PRODUCT ADVANTAGES:

- High performance and long life.
- Excellent bonding to metal, asphalt, concrete and different construction elements.
- Resistant to chemicals and UV rays.
- Resistant to heavy load.
- Resistant to jet fuels, oils, petroleum and other chemicals
- Very good adhesion to bead, fully elastic, excellent waterproofing
- 40 °C to + 120 °C temperature and weather conditions in the storage.

### TECHNICAL SPECIFICATIONS:

BASE	Polysulfide -Mangandioxide
COLOR	Black fluent and gray tixotropic
APPEARANCE	Fluent and non-fluent
DENSITY OF THE MIXTURE	1.45 gr / cm <sup>3</sup> -1,60 gr./cm <sup>3</sup> (tixotropic)
SHORE A HARDNESS	15 – 30 / ASTM D 412
APPLICATION TEMPERATURE	+5 °C to +30 °C
MOVING CAPABILITY	25% / ASTM D 412
TOUCH	3 Hours
FULL CURING TIME	12 Hours
TEST	7 Days
ELASTICITY	400% / ASTM D 412
APPLICATION PERIOD (MIXING)	25-45 minutes
CHEMICAL RESISTANCE	Resistant to aircraft fuel, dilute acid, salt water, solvent and waste water

These values are given for +23 °C temperature and 55% relative humidity.

### SURFACE PREPARATION

Application surfaces must be strong, dry and clean. Any oil, grease, rust and paraffin residues that will weaken the adhesion should be cleaned thoroughly. Clean the edges with wire brush or spiral. If necessary, the primary material should be applied. If the primer is applied, the main material should be applied within 2-3 hours at the latest.

### APPLICATION

DURASEAL PS is A and B are two-component.

- In the packaging, these two components are prepared in suitable proportions.
- The mixture should be applied within 15 minutes at the latest.
- The prepared fluent and / or viscous paste is filled in the joint and the application is terminated by correction.



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## DURASEAL PS

TECHNICAL DATA SHEET

- Application tools should be cleaned with diesel or other suitable chemical solvents.

### CONSUMPTION

10 mm	10 mm	0.150 kg./m
20 mm	10 mm	0,300 kg./m
40 mm	20 mm	1,150 kg./m
50 mm	25 mm	1,800 kg./m

### PACKAGING

4 kg set

Metal box 3,750 kg

A + 0,250 kg

plastic box B

### SHELF LIFE AND STORAGE:

The shelf life is 24 months when stored in its original unopened package, dry and cool.

### SECURITY PRECAUTIONS

Application areas should be ventilated. Work clothing, protective gloves, goggles and masks should be used during the application. Due to the irritating effects of uncured materials, the components should not be in contact with the skin and the eyes. Food and drink should not be used in the application areas. It should be stored out of reach of children. Please refer to the Material Safety Data Sheet for further information.