

PHOENIX 2K JointSeal

Product Data Sheet

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Product Description

PHOENIX 2K JointSeal is a cold-applied, reaction curing polyurethane bitumen product. It consists of PHOENIX 2K JointSeal component A and B mixed in a volume ratio of 1:1 in specially designed mixing and application equipment.

The product is specially developed for sealing horizontal joints in concrete constructions to prevent joints from disintegrating.

PHOENIX 2K JointSeal is very suitable for multi-storey car parks, airport aprons and bridges. This product is recommended for use under severe climatic conditions.

Delivery

All products are delivered in 20 litre cans or packed customized for specific purposes.

Application

All surfaces must be clean, dry and free from all loosely adhering particles.

The PHOENIX 2K Primer is then applied to ensure optimum bonding between the underlay and the sealant. Before use, both components must be stirred separately.

PHOENIX 2K JointSeal component A and B are then mixed in the specially designed application equipment.

Equipment

There are various mixing units for product application and the choice of equipment depends on the project in question.

Cleaning

Equipment cleaning is very easy. Simply discard the nozzle before application - making the system easy to use.

Storage

The 20 litre cans must be stored out of direct sunlight and at a maximum temperature of 30°C. The shelf life is two years from date of delivery.

Standards

PHOENIX 2K JointSeal has been tested and approved in accordance with SS-S-164 (a standard for concrete motorways).

Quality Control

Quality control is carried out at the PHOENIX INTERNATIONAL A/S laboratory. All products are tested and test certificates are issued on request.

 corrosion protection that stays.

Technical Data

Property	Unit	Results	Methods
Component A			
Density	g/ml	1.020	DIN 53217 (3.1991)
Viscosity (20°C)	cP	approx. 9000	SV 45.3-89
Component B			
Density	g/ml	0.965	DIN 53217 (3.1991)
Viscosity (20°C)	cP	approx 25000	SV 45.3-89
Component A + B			
Density	g/ml	0.992	
Potlife	min	approx. 20	PHOENIX 9.00.002
Hardness 24h at 20°C + 24h at 50°C	Shore A Shore A	approx. 2 - 5 approx. 10 - 15	DIN 53505 (6.1987)
Tack free time	hours	approx. 2.5	
Tensile strength	MPa, max. load	1.02	DIN 53455 (8.1981)
Elongation	%, max load	430	DIN 53455 (8.1981)