PHOENIX 2K ThixSeal
Product Data Sheet

Rev. 04 - August 2006

PHOENIX INTERNATIONAL A/S

Product Description
PHOENIX 2K ThixSeal is a cold-applied, reaction-curing polyurethane bitumen product consisting of PHOENIX 2K ThixSeal, component A and B.

This product is specially formulated for sealing joints in concrete surfaces with a slope of up to 45°.

PHOENIX 2K ThixSeal is suitable for use on canals, power plants, concrete tunnels and waterways.

Delivery
All products are delivered in 10 or 20 litre cans or packed customized for specific purposes.

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

PHOENIX 2K Primer may be applied to ensure optimum bonding between the concrete and the sealant. Before use, both components must be stirred seperately.

PHOENIX 2K ThixSeal, component A and B are mixed in volume ratio of 1:1 in specially designed mixing and 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 mixing nozzle after application - making the system easy to use again.

Storage
The 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
The product has been tested and approved by EDF (Electricité de France).

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.

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Technical Data			
Property	Unit	Results	Methods
Component A			
Density	g/ml	1.062	DIN 53217 (3.1991)
Viscosity (20°C)	cP	approx. 350,000	SV 45.3-89
Component B			
Density	g/ml	0.981	DIN 53217 (3.1991)
Viscosity (20°C)	cP	approx 200,000	SV 45.3-89
Component A + B			
Density	g/ml	1.03	
Potlife	min	approx. 10	PHOENIX 9.00.002
Hardness 24h at 20°C + 24h at 50°C	Shore A Shore A	8 12	DIN 53505 (6.1987)
Tack free time	hours	approx. 13	
Tensile strength +20°C -10°C	MPa, max. load	2.4 0.4	DIN EN ISO 527 VI 50.5-94
Elongation +20°C -10°C	%, max load	307 120	DIN 53455 (08.1981)