



CONSTRUCTION SEALANT

Date:02/10/06

Page 1 of 3

Product Description :

Construction Sealant is a high quality, elastic, one component sealant based on polyurethane.

Characteristics :

- Very good applicability
- Permanently elastic after curing
- Very good adhesion on many surfaces

Application Examples :

- All usual building joints
- Connection joints between window- and doorframes and walls
- Expansion joints between many different construction materials
- Expansion joints in industrial floors

Packaging and Colours :

Colours : White, Concrete Grey (Other colours on request)
Packaging : Aluminium cartridges of 300 ml
Sausages of 600 ml (other sizes on request)

Shelflife :

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

Technical Data :

Base :	Polyurethane
Consistency :	Stable Paste
Curing System :	Moisture Cure
Skin Formation :	Approx. 20 min (20°C/65 % R.H.)
Curing Rate :	2 mm/24 h (20°C/65 % R.H.)
Hardness :	25 +-5 Shore A
Shrinkage :	max. 7%
Specific Gravity :	1.25g/ml
Temperature Resistance :	-30°C to + 90°C
Elastic Recovery :	> 80 %
Elongation at Break :	> 600 % (DIN 53504)

Remark: The directives contained in this documentation are the result of our experiments and of our experience and have been submitted in good faith. Because of the diversity of the materials and substrates and the great number of possible applications which are out of our control, we cannot accept any responsibility for the results obtained. In every case it is recommended to carry out preliminary experiments.



CONSTRUCTION SEALANT

Date:02/10/06

Page 2 of 3

Elasticity Modulus 100%:	0,25 N/mm ² (DIN 53504)
Breaking Strength:	0,60 N:mm ² (DIN 53504)
Maximum allowed distortion :	25 %

Surfaces :

Substrate :	Most of the usual building substrates, except glass
State of Surface :	Clean, dry, free of dust, grease
Preparation :	For certain porous surfaces, apply Primer 100 (see primer table), no primer required for non porous surfaces; for some plastics and painted surfaces the use of a primer might be required (see primer table)

Joint Size :

Minimum Width :	5 mm
Maximum Width :	30 mm
Minimum depth :	5 mm
Recommendation :	2 X Joint Depth = Joint Width

Application :

Application Method :	Manual or pneumatic caulking gun
Application Temperature:	+ 1°C to + 30°C
Clean with :	White spirit immediatly after application
Repair with :	Construction Sealant

Transport Information :

Road :	ADR :	Free
Maritime :	IMDG :	Free
Air :	ICAO/IATA-DGR :	Free
UN Number :		None

Labelling :

Symbol :	None
R-Sentences :	None
S-Sentences :	None

Safety Measures :

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CONSTRUCTION SEALANT

Date:02/10/06

Page 3 of 3

Apply the usual industrial hygiene.

Remarks :

When painted with oxidative drying paints disturbances in the drying of the paint may occur.

Standards/Approvals :

Belgium : Permanent Technical Approval ATG 1709 (NIT 107)

England : WRC approval 9406515 - suitable for contact with potable water - cold water use tested to BS6920

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