

SHELL TIXOPHALTE

DESCRIPTION

SHELL TIXOPHALTE is a glue based on bitumen, chemical products, polymers and a non-toxic and non-chlorinated solvent.

It's ready for use, cold applicable and it stays soft even after the total evaporation of its solvent. It does not even pour on vertical walls and it sticks under water.

It is a bituminous product, specially designed for serious tightness problems, aimed to find an adequate technical satisfaction to the needs of civil engineering contractors.

Its uses are many:

roofing watertightness, pools, water sheets, and in particular areas such as rainpipes, chimneys, ventilation systems, light spots, finishing of vertical and horizontal joints, execution of (emergency) repair works, protection against corrosion.

SHELL TIXOPHALTE sticks to most of the decks used in civil engineering, even if they are wet, provided that they are intact and clean: bricks, cement concrete (excluding improvement plastering), concrete blocks, PVC, PP, PE, PUR, EPS, metal, glass, bituminous roofing, etc.

CHARACTERISTICS	SHELL TIXOPHALTE
Aspect	Black, sparkling and smooth
Consistency	Thixotropic oily pasta
Density at 23°C	1,250 to 1,350
Abel flammability point(IP 34) (typical value in short times) °C	from 47 to 55
Film formation	About 2 h
Drying time	About 4 weeks (depending on the deck)
After solvent evaporation:	
Drop point °C	200
Application temperatures °C	Between +5°C and +40°C

N° EINECS

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N° CAS

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LABELLING

- * symbol of danger
- * nature of the risks
- * caution advises

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R10 – Flammable (in short times)
S2 - S46 - S51

TRANSPORT

- * class
- * classification code
- * danger identification number
- * ONU No.

3
F1
30
3295

SHELL TIXOPHALTE

PACKAGING

- 24 cartridges of 310 ml/each in cartons

STORAGE

It can be stored for more than 3 years after the date of manufacture in the original packaging in a dry and cool location sheltered from freeze.

Being SHELL TIXOPHALTE used to execute joints on concrete decks, it must be ascertained that the joint deck is not soft. Therefore we would not agree, for example, if some expanded polystyrene was used.

Generally it's not necessary to use any primer on the joint's edges.

SHELL TIXOPHALTE meets the requirements named « F 12.5P M1 up M2 up A up » of ISO 11600. The characteristics of this classification are stated in the attached scheme.

This validation required many tests on dry or wet decks of different type: sawed concrete, brushed concrete, anodized aluminium and PVC.

SHELL TIXOPHALTE resists against most of acids and diluted bases. It doesn't stand a prolonged contact with hydrocarbons.

Being unique in its kind, SHELL TIXOPHALTE is worldwide patented since November 22nd 2002.

CHARACTERISTICS	METHOD	SHELL TIXOPHALTE
Elasticity, %	ISO 7389	< 40
Breaking elongation, %	ISO 8339	> 100
- on dry deck at 23°C		> 100
- after water immersion		
Loss of volume due to solvent evaporation, typical value %	ISO 10563	< 25 10 a 15%
Drifting resistance at 5 and 50°C, mm	ISO 7390	< 3

ADDITIONAL INFORMATION

The above information are just indicative. Given the many different application conditions, completely beyond our control, and materials we recommend to previously test the material before any specific application.

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