



Two-component coloured PUR binder

TETRAPUR 135

Product description

TETRAPUR 135 is a two-component, structured, colored spray system based on polyurethane containing an organic solvent.

Properties

- high mechanical strength
- high flexibility
- low viscosity
- a wide range of available colors

Application

TETRAPUR 135 is used as a two-component, colored spray coating on flexible mats made of SBR or EPDM rubber granules. It is used for structural spraying in TETRAPUR ENZ II and IIN surfaces.

For best results, it is recommended to use TETRAPUR 135 at a temperature of 7°C to 30°C.

Technical data

DENSITY	Comp. A Comp. B Mix A+B	at 23°C	~1,17 g/cm ³ ~1,08 g/cm ³ ~1,09 g/cm ³
VISCOSITY	Comp. A Comp. B Mix A+B	at 23°C	700 ± 500 mPas 2500 ± 500 mPas 1500 ± 500 mPas
COLOUR			on demand
CURING TIME (HUMIDITY 50%)		at 10°C at 20°C at 30°C	24-48 h 18-30 h 12-24 h
SUBSTRATE AND AMBIENT TEMPERATURE			7 – 30 °C
PERMISSIBLE RELATIVE HUMIDITY			>40 %
WORKING TIME		at 20°C air humidity 50%	30 min
PACK SIZE	Comp. A Comp. B		200 kg 220 kg
TYPE OF PACK	Comp. A Comp. B		metal drum metal drum



Product preparation

TETRAPUR 135 is supplied ready to use. Before use, Part A should be thoroughly mixed in order to obtain a homogeneous consistency. Then transfer the weighed amount of Part A to a larger container and add the weighed amount of Part B and mix thoroughly (~3 min).

TETRAPUR 135 Comp. A: 25 kg (1 part by weight)

TETRAPUR 135 Comp. B: 50 kg (2 part by weight)

After adding the binder to the rubber granules, mix in a mixer for 3 to 5 minutes depending on the amount mixed. The working time of the mixture is approx. 30 minutes, depending on the ambient temperature. It is proposed to mix in proportion:

TETRAPUR 135 Mix : 60 kg

Rubber granules EPDM 0,5-1,5mm: 40 kg

The appropriate system viscosity, especially at higher temperatures, should be achieved by adding EPDM dust.

Cleaning the tools

Re-usable tools should be cleaned immediately after work using suitable solvents (e.g. butyl acetate, ethyl acetate, xylene). Never use alcoholic solvents nor water.

Storage

Store in tightly closed, original containers at the temperature from 10°C to 25°C. The containers should be kept under dry conditions and protected from exposure to direct sunlight. Under these conditions the product has a shelf life of 12 months.

Safety precautions

TETRAPUR 135 is non-hazardous in its cured condition. Always use protective clothing, safety goggles and gloves. Avoid contact with eyes and skin. Do not breathe vapours. If contamination occurs rinse thoroughly irritated skin and eyes with water and consult with doctor. When handling do not eat, smoke and work with open fire. Handle in accordance with good occupational hygiene and safety practices advised by chemical industry with reference to reactive resins.

Disclaimer

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