WATERPROOFING · STYRENE-ACRYLIC

LTM 160

Water-based elastic styrene-acrylic waterproofing coating

COLOUR
White
other colours on request

1.32 kg/l	approx. 63 %	277 %	2 h	min. 2.0 kg/m²
Density (20 °C)	Solids content	Elongation at break	Tack-free	Consumption on roofs

Product description

LTM-160 is a one-component, water-based elastic waterproofing coating based on styrene-acrylic copolymers. It bridges cracks and joints and waterproofs roofs, pools, chimneys and terraces.

Usage

- Bridging of cracks and joints
- Roof protection and waterproofing
- Pools, chimneys and terraces
- On concrete, asphalt, zinc-aluminium, spray-applied polyurea and tiles

Advantages

- Waterproof – withstands expansion and shrinkage
- Excellent UV and weathering resistance
- Perfect adhesion to many substrates
- Non-toxic and non-flammable
- Highly elastic, no cracking
- Easy to apply
- Water-based, 0 VOC
- With or without mesh reinforcement

Position in the system

Waterproof coats — THIS PRODUCT
LTM-160 · 2 undiluted coats

Glass-fibre mesh (optional)
Embedded in the first coat, 3–5 cm overlap

Primer coat
LTM-160 diluted 4 : 1 with water

Substrate
Concrete · asphalt · Zn-Al · polyurea · tiles

Liquid-applied waterproofing

Elastic acrylic membrane for roofs and terraces

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Technical data (at +20 °C)

Type	**Styrene-acrylic copolymer dispersion**	Fully cured	**4–5 h**
Form	**Thixotropic pasty liquid**	Elongation at break	**277 %**
Colour	**White**	Tensile strength	**min. 9.92 kg/cm²**
Density (20 °C)	**approx. 1.32 kg/l**	Impact resistance	**> 500 mm**
Solids content	**approx. 63 %**	Primer drying before next coat	**min. 12 h**
Tack-free	**2 h**	Shelf life	**12 months**

Application procedure

01

Surface preparation

The surface must be clean, dry and free of grease, oil and weakly adhering particles. Mix **LTM-160** until homogeneous.

02

Primer coat

Dilute 4 parts **LTM-160** with 1 part water (by weight) and apply by brush or roller. Let dry at least 12 h.

03

Waterproof coats

Apply two undiluted coats by brush, wool roller or airless; let each coat dry completely.

04

Reinforcement

If required, embed glass-fibre mesh into the fresh first coat (3–5 cm overlap) and cover with the second coat.

Primer dilution (by weight)

4 parts | **1 part**

- **4 parts** — LTM-160
- **1 part** — Water

Only the primer coat is diluted – subsequent coats are applied undiluted.

Roofs
min. 2.0 kg/m²
In two or more layers.

Vertical surfaces
1.0 kg/m²
0.83 l/m², applied in two coats.

Coating interval
min. 12 h
After the primer coat; each coat must be completely dry.

Important: given consumption values are approximate and theoretical; let each coat dry completely before the next.

Packaging

- 20 kg plastic cans

Storage

- Store unopened in original sealed packaging, cool and dry.
- Protect from frost.
- Shelf life: 12 months at +15…+25 °C.

Safety

- Wear workwear, goggles, mask and gloves.
- On contact wash with plenty of soap and water – not with solvents.
- Keep food and drink away; do not employ workers allergic to chemicals.
- See the Safety Data Sheet.

Cleaning

- Clean tools with tap water before the material dries.
- Dried material: mechanical cleaning only (scraping, sanding).

LEGAL NOTE

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