

EMULSION WATERPROOFING TECHNONICOL N° 31

Description of material

TECHNONICOL N° 31 is a waterproofing material with enhanced elasticity, heat endurance and high heat resistance properties. TECHNONICOL N° 31 is a water based material that does not contain solvents and is completely harmless making it ideally suitable for internal applications.

Application areas

TECHNONICOL N° 31 emulsion application areas:

- Indoor waterproofing at bathrooms, pool floors, balconies, terraces and cellars.
- Mastic roof detailing or entire roof waterproofing, can be used in combination with glass fabric or roll fed materials.
- Protection of roofing layers, such as corrugated sheeting or failing flat roof waterproofing layers.
- Waterproofing of engineering structures (basements, footings, piles and other building elements buried under ground likely to be in contact with damp environment)

Method of application

TECHNONICOL N° 31 mastic should be applied to prepared surface clear of any debris and surplus materials, mastic can be applied by using stiff paint brush, filling knife or by pouring and leveling. Water based material should be applied at temperatures +5°C to +40°C.

Advantages

- Ready to use (must be well stirred prior to application)
- Tough and highly elastic product
- Suitable for internal applications
- Solvent free, non flammable
- Harmless



BITUMIOUS COATING AND PRIMERS TECHNICONOL 12

Basic physical and mechanical properties

Property	Value
Strength of adhesion to concrete, MPa, not less than	0,45
Nominal strength, MPa, not less than	0,5
Specific elongation when broken, %, not less than	700
Water absorption over the course of 24 h, % by weight, not more than	1
Content of binder with emulgator, % by weight, in the limits of	50-70
Heat endurance, °C, not less than	95
Flexibility on R=5.0±0.2 mm beam at -15°C	no cracks
Water resistance during 24 h at a pressure of 0.1 MPa	withstands

Consumption

for mastic roof installation — 3,8–5,7 kg/m²;
for waterproofing installation — 2,5–3,5 kg/m².

Storage

Store in a dry place protected against sunlight at a temperature not less than +5°C.
Guaranteed storage period — 6 months.

Packing

Bucket 3, 10 and 20 liters.

