

MIXURETHANE 100T

Single Component Polyurethane Based Waterproof Top Coating



Introduction

MIXURETHANE 100T is a polyurethane based waterproof coating material for vertical surfaces and it is ready to use. One component, applied as liquid / pasty, has increased quality, can save its flexibility. Cures by reaction with ground and air moisture.

Characteristic

Create crack bridge
Application on vertical surfaces
Easy application
Resistance to water and UV.
Protect itself between (-30°C/+90°C) temperatures
Perfect adhesion
Simple application (with roller or airless spray)
Low cost
Good resistance against acidic and alkali solutions, detergents, sea water and oils

Application

Waterproofing of side walls of balconies and terraces
Waterproofing of wet areas under tile in bathrooms, balconies
Waterproofing on external sides of buildings, wooden and sheet iron.



Technical Data and Properties

Color	Grey
Density	1.40 g/cm ³
Stand on	+23°C 16/24 hour
Serve Temperature	-30°C to +90°C
Surface Temperature	+5 °C to +30 °C
Solid Content	Approx 90%
Shore A Hardness	40 (7 Days)
Chemical Resistance	Acid and Base Solution
Elongation at Break	400% (DIN 53 504)
Tensile Strength	2N/mm ² (DIN 53 504)

Product Management

Surface Preparation:

Careful surface preparation is essential for optimum finish and durability so application surface need to be dry, clean and hard. It should be cleaned out from dirt, oil, paint, dust and if there is a crack or hole on the surface it should be fixed before application.

Apply an undercoat:

Before application the surface should be undercoated by Tortoise AS 014. Roller brush can be used. The duration time after applying is: should be minimum 3-4 hours, maximum 48 hours.

Application of HJ 1006:

After 24 hours of duration time at room conditions, it should be mixed with a low circuit mixer and suitable tool to mix, until the mixture be homogenous. There is no need to any other components. It is ready to use in its package. Apply with roller brush or airless spray. Layer should protect from water, rain, external effects, and mechanic compulsion. Duration time will decrease in hot weather. Duration time will increase in cold weather



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the construction chemist...

Packing and Storage

Pails should be stored in a dry and cool rooms for up to 12 months. Protect the material against moisture and direct sunlight. Storage temperature: +15°C/+25°C. Production date is on label. Because of freezing in a short time period, use opened packages. Packages should be stored upward.

Health and Safety

Do not apply in closed areas because of solvent scent . The surface temperature should be +5°C. It is flammable so do not come closer with a flame. Do not smoke while application. Application should be done at open areas or air conditioned places. Use eye shield, glove and protector clothes. If it touches with skin wash with water and soap. Do not use the empty packages for the storage of nutriment.

Technical information given in this data sheet is true and exact to the best of our knowledge, laboratory upshot and hand-on application. The data sheets of all products are revised/updated regularly and hence ensure that the latest release is used for reference and recommendation. The date of publishing is as in this sheet. All data are mean of numerous tests, assessment and analysis conducted under laboratory ambience. Climatic disparity in temperature, humidity and porosity of substrate may impinge on values



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