

A pliolite resin-based sealing and curing compound for concrete.

Product Description

GripCure Pliolite is a resin-based material available in either a clear or white reflective compound. The film created on the surface of the concrete retains the moisture allowing for full hydration of the concrete. This results in higher strengths, and lowers the chance of drying shrinkage cracking. It leaves the concrete surface suitable to be overcoated by most coating and jointing systems.

Specification Type

ASTM C309 Type 1 Class B

AASHTO M -148

ASTM C 944 Abrasion Resistance

Characteristics/Advantages

- Highly efficient curing
- Reduces incidents of shrinkage cracks
- Promotes better strength gain characteristics
- Useful as a dust-proofer & surface hardener, particularly on floor areas
- No film breakdown period involved
- Suitable for over-coating
- Compatible with over-coating by cementitious systems, bituminous emulsions, polyurethane resin, polysulphide systems and epoxies.

Typical Applications

GripCure Pliolite offers an effective, one-step curing and priming or sealing system. The presence and retention of water in concrete is essential to ensure adequate strength development and to minimise initial plastic shrinkage crack development.

Typical properties

Appearance: Clear, opaque liquid
Application Rate: 6 -10m ² per liter on surface finish
Specific Gravity: 0.83 at 20°C
0.89 at 20°C
Flashpoint: 30°C
Normal application: clear, water repellent film after curing
Shelf Life: Up to 2 years when stored in accordance with manufacturer's instructions

GripCure Pliolite (Clear)



Stanton
Construction
Chemicals

Directions for use

The material should be applied by spray application, evenly without ponding over the surface of the freshly placed concrete.

Application should take place as soon as the sheen from the bleed water has disappeared. Do not apply to if pooling of concrete bleed water is still evident. For formwork application, apply as soon as formwork is removed.

Safety precautions

Avoid direct contact with skin, eyes and mouth. Splashes should be treated immediately by washing the area with clean water thoroughly. If accidentally ingested seek medical attention.

Health and Safety

Refer to **GripCure Pliolite (Clear)** MSDS sheet

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