Adocure Super AL

Technical Specifications

High Efficiency Concrete Curing Compound with added Aluminium Flakes

Applied to the surface of freshly laid concrete, ADOCURE SUPER AL physically 'locks' moisture into freshly cast concrete allowing full hydration of the cement thus allowing the concrete to fully cure. This is achieved by covering the surface of the concrete with a very thin resin film that prevents moisture in the concrete from leaving the surface. Benefits of using include reduced surface shrinkage and cracking, more durable hard wearing surface and prevention of dusting. The addition of the aluminium flakes are added to aid UV reflectivity which when sprayed on the concrete surface produces a metallic "mirror" surface to reflect away solar heat, this is particularly advantageous on large expanses of concrete such as airport runways and concrete roadways, where solar heat combined with the heat of hydration may combine to form cracking

Advantages

- Prevents premature drying out of the concrete surface,
- Reducing the risks of surface cracking.
- Reducing the risks of surface dusting.
- Improves the durability of the concrete surface.
- Will enable the concrete to attain improved physical properties.
- UV reflectivity
- Easy to use, spray application
- Fugitive dye added to aid visual indication during application.

Application

Freshly cast surfaces: Apply progressively as soon as final tamping or trowelling has been completed. Avoid delays particularly on warm windy days when water will evaporate quickly from the surface before the curing agent has been applied.

Surfaces struck from shuttering: On surfaces struck from shuttering the concrete is "hungry" for water, flood coat with water as soon as the formwork is struck, as soon as this water has run off, apply the desired grade of ADOCURE SUPER AL . If this is not done it is probable that the curing compound will be "sucked" below the concrete surface leaving the concrete surface unprotected. This advise regarding the flood coating of concrete surfaces protected by formwork is applicable whatever curing agent you may be using. Curing agents are designed to lock moisture into concrete; they can only achieve this by being on the surface of the concrete.

Curing agents do not provide thermal protection. It may be advisable to provide independent thermal protection in cold weather.
For any subsequent processing of the concrete surface, all traces of Adocure Super AL must be completely removed, by physical abrasion, prior to carrying out the next process, to ensure the optimum adhesion & performance to the concrete of that subsequent process

Coverage

Shake well before application to ensure silver pigment is fully & uniformly dispersed throughout the resin. Apply the selected grade by spray at a rate of approximately 4-6 m^2 per litre, taking care to ensure complete coverage. Immediately after use the spraying equipment should be thoroughly washed out with RESOKLENS

Storage

ADOCURE SUPER AL is based in a flammable solvent. Store in a cool, well ventilated area. Keep container tightly closed. Keep away from sources of ignition. Avoid any build-up of electrostatic charge in the immediate area. Ensure that lighting and electrical equipment nearby are not a source of ignition.

Shelf Life

12 months from date of manufacture

Specification

ADOCURE SUPER AL is manufactured by Adomast Manufacturing Ltd and shall be applied strictly in accordance with the manufacturer's instructions. For specific advice regarding any aspect of this product, please consult our Technical Department

Health and Safety

Flash point is 25°C therefore liquid or vapour should not be exposed to naked flame and smoking should be prohibited. Avoid ingestion, contact with skin or eyes and prolonged inhalation of vapour. In the event of skin contact wash thoroughly. If ingested seek medical attention without delay. In the event of eye contact irrigate immediately with copious quantities of clean water and seek medical attention without delay.

See separate Safety Data Sheet for further information.

adomast.co.uk T + 44 (0)1226 707863 F + 44 (0)1226 718051 E info@adomast.co.uk **Adomast Manufacturing Ltd,** Barkston Road, Carlton Industrial Estate, Barnsley S71 3HU