



OPUS CONSTRUCTION PRODUCT DATA

EASYCURE R75 & R75AL

Description

The Easycure resin type of curing membranes are used to protect freshly placed or formwork cast concrete from excessive water loss during the critical curing period and should be applied as quickly as possible to ensure maximum benefit. They assist the contractor in achieving maximum strength and durability with correct mix design and minimize surface shrinkage cracks and dusting effect. Protection is achieved by spraying Easycure onto the fresh concrete surface, where it rapidly forms an impermeable skin of resin over the concrete surface. This resin film will on weathering and/or attrition gradually disintegrate leaving a stain free surface.



Advantages

- Easycure provides a labour saving method of ensuring all fresh concrete is cured properly, without the use of 'ponding' techniques, or the continuous wetting of hessian stretched over the concrete surface.
- When used in accordance with instructions it will disintegrate and flake off from the concrete surface over a period of time depending upon prevailing atmospheric conditions.
- Ingredients remain in suspension and no special pre-use agitation is required.
- A single application only is required.
- The incorporation of an aluminium pigment in R75AL reflects heat and light reducing the surface temperature of the concrete.
- Eventual finish and colour of concrete is unaffected by use of Easycure materials.
- Materials supplied ready to use in factory sealed containers to specifications. Aluminium grade may require agitation prior to use.

Properties

	R75	R75AL
Aluminised Appearance:	Pale amber	Silver grey
Specific Gravity @ 20°C:	0.85	0.86
Viscosity cSt @ 20°C:	2.15	--
Freezing Point:	-15°C	-15°C
Flash Point:	40°C	40°C (Pensky Martin Closed Cup).
Storage Life:	Indefinite in manufacturers sealed drums.	



Application

Easycure R75 and R75AL are supplied ready to use and should not be diluted.

Fresh concrete should be sprayed with Easycure at the specified coverage rate immediately after surface finishing and when the free surface water has dissipated.

Easycure products should not be sprayed onto surface dry concrete, otherwise the normal mechanism of degradation will be seriously impaired which may result in staining. Therefore, in some instances where the concrete has lost some of its 'greenness' it is essential to dampen the surface with water. However, Easycure products should not be sprayed onto concrete that has obvious standing water on it.

Cooke offers a range of equipment for the application of concrete curing membranes and full details are available on request. Such equipment should be cleaned with Easycure Cleaner following any period of spraying with Easycure products. Particular attention should be paid to the thorough cleaning of spray jets and moving parts of such equipment.

Coverage

5.0 square m²/litre

Easycure products should be applied by fine mist spray from a low pressure unit.

Certification

Easycure R75 complies with the requirements of ASTM C309-91, Type 1 Class B.

When tested in accordance with ASTM C156-93 Easycure R75, applied at a coverage of 5.0 m²/litre, restricts the water loss to not more than 0.55 kg per m² of surface in 72 hours.

Both Easycure R75 and R75AL are suitable for use on concrete in direct contact with potable water.

Easycure R75 can be supplied clear or with a fugitive dye to assist in application.

Storage & Handling

Easycure R75 in manufacturer's sealed drums requires no special storage facilities. If spraying, care should be taken to minimise inhalation and contact with eyes and ensure adequate ventilation during application.

Packaging

Easycure products are supplied in 205 litre, 25 litre and 20 litre drums.

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