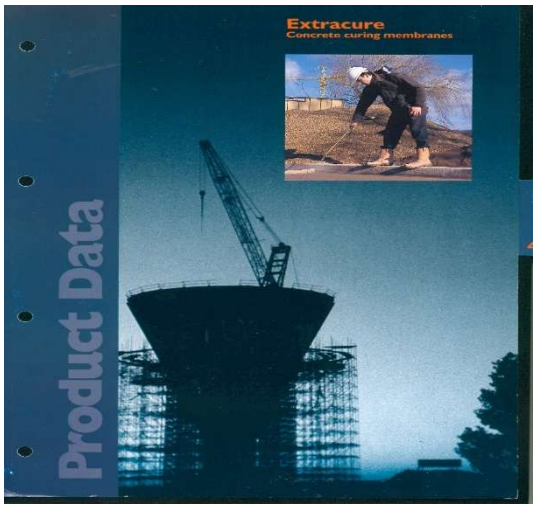
OPUS CONSTRUCTION PRODUCT DATA

EASYCURE R90 & R90AL

Description

The Easycure range of resin 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 to achieve maximum strength and durability with correct mix design and minimize surface shrinkage cracks and dusting effect. This protection is achieved by spraying onto the fresh concrete surface. Easycure which 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

- Opus 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 R90AL 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	**R90**	**R90AL**
Appearance:	Pale amber	Silver Grey
Specific Gravity @ 20°C:	0.83	0.84
Viscosity cSt @ 20°C:	2.83	2.83
Freezing Point °C:	-15	-15
Flash Point:	40ºC	40ºC (Pensky Martin Closed Cup)
Storage:	Indefinite in manufacturers sealed drums	

Application

Opus Easycure R90 & R90AL is 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.
Opus 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, Opus Easycure products should not be sprayed onto concrete which has obvious free standing water on it.
Ferguson Menzies 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 Solvent Cleaner following any period of spraying with Opus Easycure products. Particular attention should be paid to the thorough cleaning of spray jets and moving parts of such equipment.

Coverage

5.0 m^2/litre - Opus Easycure products should be applied by fine mist spray, from a low pressure unit.

Certification

Opus Easycure R90 & R90AL when applied at a coverage rate of 5.0m^2/per litre achieves a curing efficiency greater than 90% when tested in accordance with BS 7542 'Method of tests for curing compounds for concrete'.
Opus Easycure R90 & R90AL when applied at a coverage rate of 5.0m^2 per litre and tested in accordance with Clause 1027, Specification for Highways 1991 (BS 7542 1992) has an efficiency index greater than 90%. Opus Easycure R90 & R90AL complies with the requirements of ASTM C309-91 Type 1 Class B.

When tested in accordance with ASTM C156-93 Opus Easycure R90 & R90AL, applied at coverage of 5.0m^2 per litre, restricts the water loss to not more than 0.55Kg per m^2 of surface, in 72 hours.
Opus Easycure R90 & R90AL can be supplied clear or with a fugitive dye to assist in application.

Satisfies the Requirements of BS EN13670 Curing Class 3

Storage & Handling

Opus Easycure R90 & R90AL in manufacturer's sealed drums requires no special storage facilities.
If spraying, care should be taken to minimize inhalation and contact with eyes and ensure adequate ventilation during application.

Packaging

Opus Easycure products are supplied in 205 litre, 25 litre drums & 20 litre drums

Revision Date: August 2026

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