



KINGFISHER CURE/SEAL

Concrete Curing Agent/ Sealer/ Dustproofers/ Hardener

DESCRIPTION.

Kingfisher Cure/Seal is a “ready to use” water based concrete sealing, curing and hardening compound which can be used on new and old concrete or masonry surfaces. It can be used on concrete floors to seal whilst curing and also to prevent dusting. Use for sealing of flaking / dusty internal walls. **Kingfisher Cure/Seal** is recommended as a replacement for solvent based curing compounds in areas where the use of aromatic solvents might be considered harmful to humans or the environment. By sealing and hardening the surface, the effects of spillages from chemicals/oils can be greatly reduced. Kingfisher Cure/Seal will slightly darken the original surface appearance.

USES

Curing Membrane

Applied to fresh concrete **Cure/Seal** effectively regulates the evaporation of moisture, greatly reducing the incidence of cracks in newly poured concrete. Meets or exceeds the requirements of ASTM C309 Type 1, Class B.

Sealer and surface Impregnator

Effectively penetrates to seal and protect both new and old concrete surfaces.

Concrete Hardener

Cure/Seal Improves the concrete surface by both enhancing the wear resistance and inhibiting surface dusting. **Cure/Seal** is effective on new and old concrete.

METHOD OF USE & APPLICATION

Cure/Seal is a “Ready to use” treatment which can be applied by brush, roller or airless spray. Product dries clear. On older porous surfaces a 2 coat application will be required. Note: Old concrete surfaces will have to be prepared in advance removing latent contaminants including dust, oil, paints etc. The importance of preparation cannot be over-emphasised which may involve de-greasing treatments, grit blasting or surface grinding. When applying **Cure/Seal** first ensure that the surface is free of standing water, then apply evenly taking care to avoid “ponding”.

Where new concrete is being laid, **Cure/Seal** is often applied twice. First it is used to cure the floor, usually in the early stages of the project and later a second application provides a “sheen” finish after the floor has been cleaned prior to client hand over. Note: **Cure/Seal** is compatible with most solvent and epoxy coatings which may be subsequently applied, however a test patch is always advisable prior to full application.

VOC CONTENT

10g per litre

COVERAGE.

Coverage approx 6-8 sq mts / ltr depending on porosity.

SHELF LIFE

12 months unopened. Cure/Seal should be stored at a minimum temperature of 9 degrees C. Protect from frost.

PACKAGING

Available in 5 litres, 25 litres and 200 litres.

CLEANING

Flush spray equipment and wash brushes/ rollers etc. with clean water.

DRYING TIME

ASTM D – 1640 : 22 degrees C, 55% relative humidity
Cure: typically 1 to 2 hours
Recoat: typically 2 to 4 hours
Foot traffic: 8 hours
Vehicular traffic: 72 hours

As with all aqueous based products the dry time for **cure/seal** is directly related to temperature and relative humidity. Cooler temperatures will increase the drying time whereas warmer temperatures will decrease it.

CURING EFFICIENCY

75% when tested in accordance with ASTM curing efficiency.

HEALTH & SAFETY

Non-hazardous material. Wear goggles and protective clothing when using. See full MSDS sheet for further details.

For further Health and Safety information on this product please refer to the Kingfisher Safety Data Sheet, copies of which are available from the Kingfisher Technical Dept. Tel. 01229 869100 or Fax 01229 868101