

SETSEAL 6

Acrylic concrete curing membrane and sealer



TECHNICAL DATA SHEET PUBLISHED APRIL 2011

PRODUCT FEATURES

Setseal 6 is a clear, acrylic resin based, single pack solution designed to impregnate concrete surfaces combining the benefits of a curing aid, sealer, dustproofer and hardener. Setseal 6 has been designed to overcome the drawbacks of many commonly used curing membranes which tend to provide a limited service life following the curing period of new concrete. It has good abrasion resistance and can be coated with certain coatings (please contact our Technical Department for specific applications).

MATERIALS SUPPLIED

25 litres and 200 litres.

COVERAGE

5 - 12m² per litre per coat depending on the absorbency of the base.

STORAGE

Store in closed containers above freezing (0°C) under dry, wellventilated warehouse conditions out of direct sunlight and away from naked flames or other sources of ignition.

SHELF LIFE

At least 12 months if stored in original containers.

SURFACE PREPARATION

New concrete

Setseal 6 should be applied immediately following power floating/finishing of the concrete surface ensuring all excess surface water has evaporated prior to application of the Setseal 6.

Old concrete

All surfaces must be clean, dry and free from oil and other such contaminants.

MIXING

Stir the Setseal 6 before use.

TECHNICAL INFORMATION

BS EN 13813 CLASS	SR-B1.5
Appearance	Clear liquid
Curing efficiency	75% at 6m ² per litre
Drying time at 20°C	Tack-free 4 hours Hard dry 24 hours

Flash point	40°C
Bond strength (BS EN 13892-8)	1.5N/mm ²
Application temperature range	5°C to 30°C

APPLICATION

New concrete

Apply Setseal 6 by fine spray at a rate of 5 to 12 m² per litre. In severe drying conditions a second coat should be applied after 2 to 3 hours. Care should be taken to ensure complete coverage.

Old concrete

Apply Setseal 6 by squeegee, brush, spray or broom at a nominal rate of 5 to 10 m² per litre for the first coat, followed 5 to 8 hours afterwards by a second coat of 10 to 12 m² per litre.

- **As the condition and therefore the porosity of concrete surfaces can differ so widely, it is recommended that a test application area be carried out to determine the precise coverage rate for each specific job.**

CLEANING

All equipment and tools should be cleaned thoroughly with Xylene and allowed to dry.

OVERCOATING

Please contact our Technical Department for specific applications.

WORKING CONDITIONS

Application range 5°C to 30°C.

Do not apply in external situations where rain is likely to come into contact with the uncured Setseal 6.

HEALTH & SAFETY

Consult the appropriate Material Safety Data Sheet before using Setseal 6.

GENERAL GUIDANCE

This data sheet is for general guidance purposes only and may contain information that is inappropriate for certain conditions of use. Accordingly, all recommendations and suggestions are made without guarantee. Further information is available from our Technical Department.

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Note:

We endeavour to ensure that any information, advice or recommendation we may give in product literature is accurate and correct. However, because we have no control over where and how products are applied, we cannot accept any liability arising from the use of the products.

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