

Setseal® Cure 100

Easy to clean curing aid for concrete surfaces (Formerly known as SetCure 100)



DESCRIPTION

Setseal Cure 100 is a liquid curing aid formulated from inorganic silicates.

Setseal Cure 100 provides an excellent initial cure for concrete, then it begins to break down and naturally wear away from the surface to prepare concrete for coating with a multitude of protective and/or decorative top coats.

APPLICATIONS

Setseal Cure100 is recommended for new formwork cast-in-situ concrete surfaces such as concrete walls, columns and for concrete floors.

Typical applications include:

- » Industrial plants.
- » Factories.
- » Warehouses.
- » Garages.
- » Shopping malls.
- » Service stations.
- » Parking lots and driveways.

ADVANTAGES

- » Easy to clean up, only needs a simple wash with clean water after surface application to prepare for covering or sealing.
- » Contributes to the enhancement of the compressive strength of concrete at all ages.
- » Single component.
- » Easy application.
- » Reduces efflorescence.
- » Chloride-free.

METHOD OF USE

SUBSTRATE PREPARATION

For concrete floors:

- » For best performance, Setseal Cure 100 must be applied to set concrete. If used on concrete floors, Setseal Cure 100 should be applied after 24 hours or after the concrete has set.
- » For concrete vertical elements, Setseal Cure 100 should be applied directly after de-shuttering.

TECHNICAL PROPERTIES:

Color:	Clear or white liquid
Specific gravity:	1.1 ± 0.1 for clear 1.2 ± 0.1 for white
Solids by weight:	25 ±1% for clear 30 ±1% for white
Abrasion resistance: (1000 g, 250 cycle) ASTM D4060, H22 wheel enhancement over untreated concrete	> 63%
VOC:	< 10 g/ltr (comply with LEED)

SETSEAL CURE 100 COMPRESSIVE STRENGTH ENHANCEMENT OVER:

Curing Method	@ 7 days	@ 28 days
Wet curing enhancement:	66%	40%
Film forming curing compounds enhancement:	50%	32%

APPLICATION

Setseal Cure 100 is ideally suited for treating surfaces which are to receive subsequent coatings. Setseal Cure 100 white should be washed with water before applying further layers. Setseal Cure 100 should be spray applied at an application rate of 160 - 285 ft²/gal (4 - 7 m²/liter) per coat.

LIMITATIONS

- » Coverage may vary with application method, surface conditions, and porosity.
- » Setseal Cure 100 is not a surface retarder. Do not apply during the final trowelling operations as discoloration may occur.
- » Setseal Cure 100's minimum application temperature is 41°F (5°C) and maximum is 95°F (35°C).





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CURING

Under conditions of excessive heat or drying wind, a polyethylene sheet may be used to cover the surface after application of Setseal Cure 100.

The polyethylene sheet can be reused since it does not stick to the surface.

CLEANING

Tools and equipment can be cleaned with clean cold water.

PACKAGING

Setseal Cure 100 is available in 5 gal (18.9 liter) pails and 55 gal (208.2 liter) drums.

COVERAGE

The coverage is 160 - 285 ft²/gal (4 - 7 m²/ litre) per coat. Where two coats are required to ensure maximum densification, the second coat should be applied after 2 - 3 hours of applying the first coat.

STORAGE

Store in a dry area out of direct sunlight at temperatures between 41°F (5°C) and 95°F (35°C).

SHELF LIFE

Setseal Cure 100 has a shelf life of 12 months from date of manufacture if stored in proper conditions and un-opened packs. The effectiveness of this product may be adversely affected if these conditions are exceeded and DCP Technical Department should be contacted for advice.

CAUTIONS

HEALTH AND SAFETY

Setseal Cure 100 should not come in contact with skin and eyes, however any accidental splashes to the eyes must be rinsed with clean water and seek medical advice. Suitable protective gloves and goggles should be worn.

For further information refer to the Material Safety Data Sheet.

FIRE

Setseal Cure 100 is nonflammable.

WARRANTY

Unless expressly stated otherwise in the Sales Documents, the Limited Warranty shall expire on the expiry date listed on the Product's label or packaging. The full text of DCP's limited warranty is found in DCP's standard terms and conditions of sale (the "Terms"), which are available at [DCP Website/USA – Terms & Conditions](#). DCP's limited warranty is in all cases subject to, and conditioned upon, the Terms.

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A wide range of construction chemical products are manufactured by DCP which include:

- » Concrete admixtures.
- » Surface treatments
- » Grouts and anchors.
- » Concrete repair.
- » Flooring systems.
- » Protective coatings.
- » Sealants.
- » Waterproofing.
- » Adhesives.
- » Tile adhesives and grouts.
- » Building products.
- » Structural strengthening.

Don Construction Products Inc.

Lancaster, SC 2970, USA

info.usa@dcp-int.com

www.dcp-int.com

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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