

Deckshield SF

Product sheet

Product description

Deckshield SF is a three-component, solvent-free, polyurethane-based primer and binding agent.

Note: New pack sizes manufactured from 1st February 2011.

Uses

Deckshield SF is used as a binding agent for the Deckshield system. Deckshield SF accepts aggregate scatter to produce an anti-skid surface. Deckshield SF can also be used as a primer and/or scratch-coat on concrete and asphalt.

Environment & Health

Deckshield SF is a solvent free product and practically odourless during application. Follow the appropriate Occupational Health and Safety guidelines applicable to the location where the application is undertaken. For more information, please refer to the safety datasheets for the individual components.

Ratio of components

The product is supplied in full units as A+B+C. Do not split the compounds/components as this may jeopardise the end result.

Add all of Hardener B to Base A and mix before adding Filler C. Ensure that all Filler C is mixed in from the sides of the container and fully dispersed throughout the mix. Mix with slow speed drill and helical spinner, taking care not to entrain air.

Application temperature

The recommended substrate temperature is 10 - 25°C, but no less than 5°C.

The temperature of the substrate should exceed the "dew point" by 3°C during application and hardening. Temperatures should not fall below 5°C in the 24hrs after application.

Application time/pot life

Ready-mixed product should be used within 20 minutes at a temperature of 20°C.

At higher temperatures the application time is shorter.

Curing time (at 20°C)

Tack free after 5 hours (10 hours at 10°C).

Can be walked on after 16 hours (30 hours at 10°C).

Maximum overcoat time 24 hours (36 hours at 10°C).

Full traffic after 24 hours (36 hours at 10°C).

The product is fully hardened after 5 - 7 days.

High humidity in the early stages of cure can result in white, matt surfaces (blooming).

Do not cover or wash within the first 24 hours of curing.

Colours

Natural

Solids content

Approx. 100 %

Finish

Gloss

Density

Component A approx. 1.6 kg/l

Component B approx. 1.3 kg/l

Component C approx. 2.65 kg/l

A+B+C approx. 1.8 kg/l.

Storage

12 months in unopened pack.

Storage temperature between 5°C and 40°C.

Protect from weather and moisture / contaminant ingress.

Packaging

The product is delivered A+B+C in the following packs:-

Pack sizes manufactured to January 31st 2011 -

Unit	Deckshield SF Base A	Deckshield SF Hardener B	Deckshield SF Filler C	
30 kg (16.7 litres)	18.3 kg	4.1 kg	7.6 kg	
16 kg (8.9 litres)	9.8 kg	2.2 kg	4.0 kg	Was only manufactured upon request.

Pack sizes manufactured from February 1st 2011 -

Unit	Deckshield SF Base A	SF/ Finish/ LXP/ LXP HD 2 kg Hardener	Deckshield SF Filler C
15 kg (8.35 litres)	9.2 kg	2.0 kg	3.8 kg
Unit	Deckshield SF Base A	SF/ Finish/ LXP/ LXP HD 4 kg Hardener	Deckshield SF Filler C
30 kg (16.7 litres)	18.4 kg	4.0 kg	7.6 kg

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