



SAINT-GOBAIN

duracure SB

Solvent Based
(Clear/White)

LIQUID MEMBRANE-FORMING
CURING COMPOUND

duracure SB-C: TYPE 1 CONCRETE-CURING COMPOUND
(ASTM C309)

duracure SB-W: TYPE 2 CONCRETE-CURING COMPOUND
(ASTM C309)

DESCRIPTION

duracure SB conforms to ASTM C309-19 Type 1 Class B for liquid membrane-forming compounds for curing concrete.

USES

Applies easily and quickly by spray, brush or roller for efficient curing of concrete.

CAUTION:

If it is intended to use these materials on architectural concrete or concrete where adhesives are to be considered, it is recommended that tests be conducted to check adhesion. If any paint coating or overlay is considered, it is recommended that the curing compound layer be removed. These materials could cause staining on the surface of off-shutter concrete.

ADVANTAGES

- Facilitates more complete hydration of cement and thereby increases the strength of concrete
- Increases wear resistance
- Curbs dusting

TYPICAL PHYSICAL PROPERTIES

Density (typical)	SB-C 0.90 - 0.92 kg/ℓ and SB-W 1.6 kg/ℓ
Colour	SB-C (clear) and SB-W (white)
Flash point	47 °C
Dilution	Do not dilute
Toxicity	Moderate – use in well ventilated areas
Shelf life	2 years

SURFACE PREPARATION

Apply immediately after the exposed surface has sufficiently hardened to prevent marring by the application. This is especially important in warm or hot temperatures. In the case of formed surfaces, apply as soon as forms are stripped.

If any part of the surface has dried out, it should be wetted down immediately preceding the application of **duracure SB** but do not apply while free water remains on the surface. Surfaces should be saturated but free of surface water, quick drying occurs in areas on concrete exposed to draughts, excessive heat and sun.

Store in a temperate location. Exposition to UV can cause yellow stains to appear on the surface of concrete.

COVERAGE

Coverage depends on the concrete surface profile and requested specification, 4 - 9 m² per liter.

APPLICATION

For concrete floors use **duracure SB-C**: Apply uniformly and thinly by spray, brush or roller at a coverage no greater than 9 m² per liter. Do not add thinners. Use a garden-type pressure sprayer or a wide short-nap roller to achieve a thin, uniform application. This is important as uneven application results in a mottled appearance as the floor ages. Initially, application has a temporary mirror-like sheen which visually helps the applicator obtain uniform coverage of all areas and eliminates wasteful double application.

For external hardstands and paving use **duracure SB-W**: Apply uniformly and thinly by spray, brush or roller according to the required coverage rates.

Drying time varies from 30 minutes to 1.5 hours, depending on ambient conditions. The treated surface is non-tracking when dry.

PROTECTION ON COMPLETION

Protect surface against traffic and spillage until cured.

CLEANING

For cleaning or removing **duracure SB** from rollers or brushes, use **abe® super brush cleaner**.

PACKAGING

	duracure SBC	duracure SBW
5 ℓ	30974	
25 ℓ	30975	31135
200 ℓ	30976	31136

HANDLING & STORAGE

Store in a controlled temperate location. Exposure to UV can cause yellow stains to appear on the surface of the concrete.

IMPORTANT NOTE

This data sheet is issued as a guide to the use of the product(s) concerned. Whilst **a.b.e.**® endeavours to ensure that any advice, recommendation, specification or information is accurate and correct, the company cannot accept any liability for application – because **a.b.e.**® has no direct or continuous control over where and how **a.b.e.**® products are applied.

FURTHER INFORMATION

Where other products are to be used in conjunction with this material, the relevant technical data sheets should be consulted to determine total requirements.

a.b.e.® has a wealth of technical and practical experience built up over the years in the company's pursuit of excellence in building and construction technology.

Please consult our website for our latest data sheets.

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