



SAINT-GOBAIN

duracure PR

Pliolite resin Clear/White

**MULTI-PURPOSE CURING,
SEALING AND PROTECTIVE
MEMBRANE FOR CONCRETE**

DESCRIPTION

duracure PR-C (clear) or **duracure PR-W** (white pigmented) is a ready-to-use curing agent for application on fresh concrete, mortar and other cement coatings. This product conforms to NF 085 certification, which technical specifications are those applied in the non-harmonised part of NF EN934-2.

duracure PR-C conforms to ASTM C309-19 Type 1 Class B.

duracure PR-W conforms to ASTM C309-19 Type 2 Class B.

USES

- Protection of elements with a high surface/volume ratio: concrete slabs, roads, concrete highway (PR-W)
- Protection of concrete and mortar subject to adverse drying effects at early age (high ambient temperature, wind) (PR-C)
- All cement-based elements subject to unacceptable desiccation

ADVANTAGES

- Eliminates the need of water
- Imparts a harder dust free surface
- Does not support the growth of bacteria
- Non-degrading, acts as a primer system
- Minimal delay for overcoating
- Abrasion resistant floors
- High curing efficiency
- Reduce labour costs
- Reduces chloride penetration
- Will not impair the bond of adhesive used for installing overlayment such as tiles, coatings or bitumen primers

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TYPICAL PHYSICAL PROPERTIES

Colour PRC PRW	PR-C - clear PR-W - white
Density: Clear (PRC)	0,815 at 25 °C
Density: White (PRW)	1,6 Kl at 25 °C
Flashpoint	36 °C (PMCC)
Drying time: (PRC)	1 hour 45 min @ 23 °C
pH (PRW)	7
Solid contents (PRW)	47 %
Freezing point (PRW)	-9 °C

APPLICATION

duracure PR-C or **duracure PR-W** must be done preferably on fresh concrete to prevent concrete from quick desiccation.

Spray **duracure PR-C** or **duracure PR-W** in a regular, smooth pattern to ensure uniform coating is achieved.

Prevents concrete or mortar from drying too quickly. This enables a more complete hydration of cement and avoids early cracking and drying shrinkage.

The surface of the concrete thus treated, after setting, offers a better resistance to "abrasion", high hardness, without dusting and its aspect is unchanged.

COVERAGE

4 - 9 m²/ℓ depending on surface profile and specification.

CLEANING

Spray equipment must be rinsed with solvents, such as white spirit.

PACKAGING

25 ℓ; 200 ℓ

HANDLING AND STORAGE

Store under cover, out of direct sunlight and protect from extremes of temperature. Failure to comply with the recommended storage conditions may result in premature deterioration on the product or packaging.

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.