



Technical Data Sheet

ASOCRET-OS/BF

Concrete paint

Art.-No. 2 05519

Properties:

ASOCRET-OS/BF is a pigmented, styrene-acrylate polymer dispersion. ASOCRET-OS/BF is

- alkali and UV resistant
- water vapour permeable
- vapour barrier to CO₂
- crack bridging $\leq 0,1$ mm (with cracks near the surface).

Areas of application:

ASOCRET-OS/BF is used in combination with ASOCRET-FS fine smoothing mortar as surface protection OS-C in accordance with TL/TP of the ZTV-SIB.

ASOCRET-OS/BF is further used on cement-based substrates such as concrete, render and ASOCRET-PCC mortar and smoothing compound as a protective coating.

ASOCRET-OS/BF is a component of the ASOCRET-OS System 1. A general technical certificate is available.

Technical Data:

Basis:	styrene-acrylate dispersion
Colour:	RAL 7032
Viscosity:	approx. 1.425 m Pa s
Density:	approx. 1.4 g/cm ³
Solids content:	approx. 60% by weight
Workability time:	no limit
Application temperature:	min. +10 °C, max. +40 °C
Drying time:	(at +20°C, 60% RH)
- dust dry:	after approx. 4 hours
- rain fast:	after approx. 6 hours
- overpaint:	after approx. 12 hours

Diffusion resistance No.:

H ₂ O:	4,900
CO ₂ :	1,600,000

Equivalent air film thickness

H ₂ O S _d : \leq	≤ 4 m
CO ₂ S _d :	≥ 50 m

Cleaning of tools: thoroughly clean tools immediately after use with water

Packaging: ASOCRET-OS/BF is available in 1.5 litre containers

Storage: 12 months in the original unopened packaging under cool and dry conditions.

Surface preparation:

The areas to be treated must be:

- dry, solid, load bearing and with good grip
- free from separating and adhesion inhibiting substances such as e.g. dust, laitance, poorly bonded constituents etc.

Dependant upon the condition of the substrate the area to be treated should be suitably prepared e.g. by sweeping, vacuuming, brushing, planing, or shot blasting. After the substrate has been prepared and in order to achieve a regular thickness of coating, repair irregularities, damaged areas and pores with the appropriate product from the ASOCRET-PCC system in accordance with factory instructions.

Product preparation:

ASOCRET-OS/BF is delivered ready for use. Simply stir briefly before use.

Method of application / consumption:

Protective coating:

ASOCRET-OS/BF is applied by roller or brush in two coats. The first coat of ASOCRET-OS/BF is diluted with up to a maximum of 5% water.

Consumption: approx. 200 ml/m² per coat.

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Health & safety:

Once cured ASOCRET-OS/BF is harmless. When using this product the government health and safety protective directive should be observed as well as the advice on the packaging.

Important advice:

- Use airless equipment if ASOCRET-OS/BF is to be spray applied (nozzle size: 0.018 – 0.021 inches).
- Observe VOB part C (DIN 18363, para 3.1.10) during application i.e. the material may not be applied:
 - During direct sunlight
 - During strong winds
 - During rain
 - On heated substrates etc.
- If required introduce protective plans
- Applications that are not clearly explained in this technical data sheet may only be carried out after consultation with and written confirmation from the Technical Services Department of SCHOMBURG GmbH Systembaustoffe.

GISCODE: M-DF 02