



Technical Data Sheet

ASOCRET-OS/RS

Crack-bridging protective coating

Art.-No. 2 05526

Properties:

ASOCRET-OS/RS is a single component pigmented, styrene-acrylate polymer dispersion. ASOCRET-OS/RS is

- alkali and weather resistant
- water vapour permeable
- vapour barrier to CO₂ and SO₂
- elastic when cold and crack bridging $\leq 0,3$ mm (with surface hairline cracks and separating cracks).

Areas of application:

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

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

ASOCRET-OS/RS is a component of the ASOCRET-OS System 2. A general technical certificate is available.

Technical Data:

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|--------------------------|---|
| Basis: | polymer dispersion |
| Colours: | RAL 7032 |
| Density: | approx. 1,4 g/cm ³ |
| Solids content: | approx. 68 by weight % |
| Workability time: | no limit |
| Application temperature: | min. +8 °C, max. +40 °C at max. 80% RH |
| Drying time: | after approx. 24 hours (at +20 °C, 60% RH) |

Equivalent air film thickness:

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|--------------------|------------------|
| - H ₂ O | $S_d \leq 1$ m |
| - CO ₂ | $S_d \geq 100$ m |

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|----------------------|---|
| Strength evaluation: | not before 14 days |
| Cleaning of tools: | thoroughly clean tools immediately after use with water |

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| Packaging: | ASOCRET-OS/RS is available in 15 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. Design cracks $\geq 0,3$ mm as joints in accordance with DIN 18 540.

Product preparation:

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

Method of application / consumption:

Protective coating:

ASOCRET-OS/RS is applied by roller or brush in 2 to 3 coats. The first coat of ASOCRET-OS/RS is diluted with up to a maximum of 5% water.

Consumption: approx. 200 - 250ml/m² per coat.

Health and safety:

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

ASOCRET-OS/RS

Important advice:

- 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.

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