

# SPAR DASH ORG

Organic reinforcing mortar and receiver for Spar Dash Chippings

<b>Areas of application</b>	<p>Render system with chip surface consisting of Spar Dash org and a fine to coarse finish using Spar Dash Chippings, natural stone or glass.</p> <p>For organic alsecco external thermal insulation composite systems on surfaces subject to high mechanical stress.</p>		
<b>Product properties</b>	<ul style="list-style-type: none"> <li>■ Weather resistant</li> <li>■ Water-repellent</li> <li>■ Water-vapour permeable</li> <li>■ Ready to apply</li> <li>■ Easy application</li> <li>■ Lower material consumption</li> <li>■ Good adhesion on all mineral substrates and expanded polystyrene</li> <li>■ Increased mechanical stressability</li> <li>■ Classified in accordance with EOTA requirements as being in the heaviest duty category</li> </ul>		
<b>Technical data</b>	Binder base	Styrene acrylate	
	Specific gravity	approx. 1,3 g/cm <sup>3</sup>	
	Diffusion-equivalent air-layer thickness (2,0 mm)	<p>s<sub>d</sub>: approx. 0,5 m to DIN EN ISO 7783</p> <p>Guaranteed limit: s<sub>d</sub> ≤ 2,0 m</p>	
	Water permeability	<p>w: approx. 0,02 kg/(m<sup>2</sup> h<sup>1/2</sup>) to DIN EN 1062</p> <p>Guaranteed limit: w ≤ 0,5 kg/(m<sup>2</sup>h<sup>1/2</sup>)</p>	
<b>Application instructions</b>	Preparation	<ul style="list-style-type: none"> <li>– Use masking tape to cover window sills and mounted parts.</li> <li>– Carefully cover glass, ceramics, brick slip, natural stone, varnished and anodized surfaces.</li> <li>– Suitable measures must be taken to protect openings on buildings (e.g. windows) against impact from stones.</li> </ul>	

Substrate pre-treatment	All substrates must be sound, even, clean and free from adhesion-reducing residue.
Mixing	<p>Ready for application</p> <p>Stir with electric stirrer and if necessary add a little water to adjust mixture to correct consistency for application.</p>
Application as a reinforcing-layer	<p><b>Attaching Corner Beads or Corner Meshes</b></p> <ul style="list-style-type: none"> <li>- Before the reinforcement, fully embed in Spar Dash org and align.</li> <li>- The following are used: Corner Bead 9078, Corner Bead 1031, Aluminium Corner Bead with mesh, Corner Bead KU with mesh.</li> </ul> <p><b>Creating the reinforcement</b></p> <ul style="list-style-type: none"> <li>- The material is applied manually or with an applicator at a layer thickness of 3 to 4 mm on EPS or approx. 4 mm on mineral wool.</li> <li>- We recommend using a 10 mm notched trowel to ensure the correct minimum layer thickness.</li> <li>- Place the mesh 32 into the open mortar bed with a 10 cm overlap and smooth over with a trowel.</li> <li>- Embed the mesh in the upper third of the reinforcing layer.</li> <li>- In addition embed diagonal reinforcing strips or mesh strips (25 x 25 cm) in the corners of structural openings.</li> </ul>
Application as a textured layer	<ul style="list-style-type: none"> <li>- The facade should be divided into sections of no more than 20 – 30 m<sup>2</sup> before the receiver coat is applied. The borders can be visually reinforced using the Spar Dash connecting profile, or they can be arranged to coincide with existing visual changes in the facade.</li> <li>- Once the Spar Dash org reinforcing layer has dried, another layer approx. 4 mm thick needs to be applied.</li> <li>- Only ever apply as much Spar Dash org as can be covered with Spar Dash Chippings before a skin is formed.</li> <li>- Apply Spar Dash Chippings, size 3 mm to 8 mm, to the fresh textured layer by throwing it or blowing it onto the surface and patting it in gently.</li> </ul>
Consumption	<p>Spar Dash org: approx. 1,4 kg per mm layer thickness per m<sup>2</sup></p> <p>Spar Dash Chippings: approx. 12 – 15 kg/m<sup>2</sup>, depending on particle size and application method</p> <p>Determine the exact amount of material required by coating a test area on site.</p>

<p>Layer thickness</p>	<p><b>Minimum layer thickness</b></p> <p>Reinforcing layer: 3 mm on Polystyrene Insulation Boards 4 mm on Mineral Wool Insulation Boards</p> <p>Textured layer: ca. 4 mm</p> <p><b>Maximum layer thickness</b></p> <p>Reinforcing layer: 4 mm</p> <p>Textured layer: 5 mm</p>
<p>Information about the weather</p>	<p>The temperature must not fall below +3°C during application and drying.</p> <p>Do not apply in direct sunlight.</p> <p>Please note that the setting time is reduced in windy conditions.</p> <p>Protect fresh plaster against rain and drying out too rapidly.</p>
<p>Interval</p>	<p>Next coat can be applied to reinforcement layer after at least 48 hours.</p> <p>The substrates must always be evenly dry.</p>
<p>Drying time</p>	<p>approx. 2 – 3 days</p> <p>Dependent on temperature, layer thickness and relative humidity</p>
<p>Application by machine</p>	<p>Please ask for our special information sheet on machine application.</p>
<p>Cleaning of tools</p>	<p>With water while product is still fresh</p>
<p><b>Packaging</b></p>	<p>Packaging unit</p> <p>Tub approx. 20 kg net</p>
<p></p>	<p>Colour</p> <p>White and pigmented</p> <p>Chippings „Sunset“ 4 – 8 mm</p> <p>Chippings „Devon“ 4 – 8 mm</p> <p>Chippings „Kent“ 3 – 8 mm</p> <p>Chippings „Stonehenge“ 3 – 8 mm</p> <p>Chippings „Chalk Cliff“ 3 – 8 mm</p> <p>Chippings „Cornwall“ 6 mm</p> <p>Chippings „Pure White“ 3 – 8 mm</p> <p>Chippings „Pure Black“ 3 – 8 mm</p> <p>Chippings „Blue Glass“</p>

	Colour	<p>This is a natural product and an organic-based mortar. Natural colour variations and changes in shade between different batches and on account of drying conditions may occur.</p> <p>The irregular embedding of chips, different chip densities, colour differences and contrasting material combinations are part of the desired effect; they cannot be eliminated by the application method and do not constitute a defect.</p> <p>Mortar deposits that occur on the chippings can lead to perceived colour variations on the facade.</p> <p>If pigmented materials or continuous surfaces are being coated, only material from the same batch number should be applied.</p>
<b>Other information</b>	Transport	Not a hazardous product
	Storage	Minimum storage life of one year if kept cool, protected against frost and in the original sealed packaging.
	Information on safety	<p>In case of contact with the skin or eyes rinse immediately with clean water.</p> <p>In case of contact with the eyes seek medical advice.</p> <p>We will be pleased to provide the EC safety data sheet on request.</p>

The above information is based on many years of experience and tests and is provided by us to the best of our knowledge. Such information applies in addition to our application guidelines. However, we cannot accept any responsibility for the correctness of our recommendations on account of the wide variety of substrates and of on-site conditions and applications which are outside our control. Any recommendations provided by our employees and deviating from these documents must be given in writing. We reserve the right to make any changes on account of technical progress or building regulations. Your technical advisor will be pleased to provide the relevant product data sheets. PD 0456/0708

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