



VP (DER VORSPRITZER) Spatterdash with bonding admixture

PRODUCT PROFILE

DER VORSPRITZER is chiefly used for background preparation with wall materials of compressive strength class > 6 N/mm², for application to smooth- and rough-formed concrete, rubble walls, cleaned composite or old masonry, lightweight woodfibre slabs, lightweight composite panels and calcium silicate brickwork/blockwork.

It provides good key and evens out absorbency of high- or variable-suction backgrounds.

- mortar group P III to DIN 18550
- premixed dry mortar with cementitious binder
- low-chromate to TRGS (German Technical Regulations for Hazardous Substances) 613
- for indoors and outdoors
- with bonding admixture
- coarse-aggregate
- good key to background
- for manual or machine application
- cement-grey

TECHNICAL DATA

(DIN 18550/18557/4108/52617)

Bulk density:	1.81 kg/dm ³
Tensile bending strength:	7.0 N/mm ²
Compressive strength:	24.0 N/mm ²
Tensile/compressive strength ratio:	0.29
Dynamic elastic modulus:	12200 N/mm ²
Water vapour diffusion resistance factor μ :	21
Thermal conductivity λ :	0.87 W/(m•K)
Water absorption coefficient:	0.5 kg/(m ² •h ^{0.5})

	Grading	Coat thickness	Coverage kg/m ²	Coverage m ² /bag	Coverage m ² /tonne
Der Vorspritzer	4 mm				
Full surface coverage		5 mm	8.0	3.8	125
50% surface coverage		5 mm	4.5	6.7	222

The above figures are approximate values and may vary according to background type. Preliminary site tests are recommended.

PREPARATION

Clean down background to remove dust, dirt or any other matter impairing render bond, using high-pressure water jet where necessary. Remove firmly adhering substances, laitance etc., if necessary by wet sandblasting.

Properly fix galvanized wire lathing to unsuitable or insufficiently strong backgrounds, with 10 cm lap at lap at joints between lathing and 20 cm lap at joints/junctions in composite masonry.

New perforated or porous clay brickwork/blockwork, cellular expanded clay and pumice blocks may be rendered, without pre-treatment, using suitable basecoat materials.

Pre-wet smooth- or rough-formed concrete, large calcium silicate blocks, high- or variable-suction masonry as required. Allow water film to drain off and spray on approx. 5 mm full-cover coat. Allow to dry and set for 1 day prior to continuing work with class P II mortar; allow 1 week for class P III mortar.

Clean down historic rubble masonry thoroughly to remove existing render residue. Rake out joints to a depth of approx. 2 cm and spray on STENS HAFT renovation spatterdash in grid pattern. Maximum surface coverage shall be 50% where renovation render is to be subsequently applied. Allow to fully dry and set prior to continuing work.

Clean down lightweight woodfibre slabs and composite panels using dry methods (no pre-wetting). Spray on approx. 5 mm full-cover coat of DER VORSPRITZER. Allow to fully dry and set so that all shrinkage cracking has taken place (four-week period specified by lightweight woodfibre slab manufacturer).

Do not apply spatterdash to reed mats, expanded metal, Wellnet or similar lathing! Apply suitable 10-15 mm thick basecoat. Using notched darby, press into lathing and strike off.

After spatterdash application, fix renderwork stop and angle bead true to line in AM300 bedding mortar (rapid-setting cement mortar).

APPLICATION

Set water to approx. 380 ltr when starting up machine, then set to lean mortar consistency. Always pre-lubricate hoses with wallpaper paste or start up with UP210!

For manual application: stir bag contents with approx. 5 ltr water.

Throw on approx. 5 mm coat of DER VORSPRITZER!

PLEASE NOTE

Rendering works are subject to the requirements of DIN 18550 and DIN 18350 VOB (German Construction Contract Procedures) Part C.

Mix dry mortar only with clean water. Do not use any foreign additives.

Do not apply at air and/or wall temperatures below +5°C. Protect fresh renderwork against frost and premature drying out. Where used in conjunction with renovation render, spray on DER VORSPRITZER only in a grid pattern, with maximum surface coverage of 50%. Allow to fully dry and set prior to application of renovation render.

SAFETY AT WORK

Mortar exhibits a strong alkaline reaction upon contact with water. Avoid contact with eyes. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Once set, the material poses no physiological or ecological hazards.

MACHINE/EQUIPMENT

High-performance rendering machines (e.g. PFT G4/G5 mixing pumps or equivalent)

Stator: D6-3

Rotor: D6-3

Mortar hoses: 25 mm dia

Pumping distance: up to 30 m

No additional equipment required!

See technical information on render and machine.

COMPOSITION

Binder:

Portland cement to EN 196

Aggregate:

Quartz and limestone graded to DIN 4226, 0-4 mm

Admixtures:

Water-retaining and bonding admixtures

QUALITY

The product is subject to continuous in-house and external monitoring to DIN 18557 and carries the RAL Quality Label for premixed dry mortar.

DELIVERY FORM/SHELF LIFE

30 kg paper bags.

Shelf life 6 months, subject to storage in dry, moisture-protected environment.

SUPPLY

Via Marmorit approved applicators or local distributors

NOTE

This data sheet, which replaces all previous editions, is designed to provide you with advice and assistance. The information presented herein reflects our present state of knowledge. It cannot, however, embody the sum total of good practice, nor incorporate the provisions of all relevant standards, codes of practice and guidelines. These – together with the relevant application rules and guidelines – shall be duly observed by the applicator!

TECHNICAL ADVICE

Information and advice may be provided by our external representatives or the MARMORIT Technical Department

Marmorit UK GmbH Address - 1 Portview Road, Avonmouth, Bristol – Telephone 0117 982 1042