

COLZUMIX®-VPD



Primer for the joint sealing system BIGUMA®- VPD

Use

COLZUMIX®- VPD is a colourless to yellowish primer for the joint sealing system BIGUMA®- VPD.

Properties

COLZUMIX®- VPD is a system component of the general building authority approval for LAU systems (Z-74.6-93) and the general building approval for use in storage and filling facilities of biogas plants and JGS plants (Z-74.62-158). COLZUMIX®- VPD also fulfils the requirements of DIN EN 14188-4, type PRH.

COLZUMIX®- VPD distinguishes itself by the following characteristics:

- good bonding to nearly all subsoil
- fast drying of the applied primer
- high dust penetration
- guarantees a good bonding between joint flanks and the applied joint sealants BIGUMA®- VPD
- resistant against aqueous solutions, salts and thinned acids, or similar
- thin flowing, therefore easy to apply

Application instructions

a) Preparatory work

The joints to be sealed should be thoroughly blown with high-pressure-air or cleaned with a brushing machine, whereas cleaning works and application works should be done as separate tasks. For artificial dry-out or pre-heating of the joints, hot compressed air lances can be used.

b) Application of the primer

The primer has got the function to bind the dust adhering to the joint flank and to form an adhesive layer, which will later on fuse with the applied sealant. COLZUMIX®- VPD can be applied on the joint flanks by spraying or brushing. The primer must cover the joint flanks completely by forming a film. It is only allowed to use as much primer that no material accumulates on the ground of the joint.

c) Pouring of the joint sealant

Before the application of the joint sealant, the applied primer has to be dried, that means the surfaces hast to be touch-dry. The joints primed with COLZUMIX®- VPD must be dry and free from dust in order to guarantee an intensive bonding with the contact surface. The application of the sealant should directly take place after the drying of the primer. A contamination of the dried primer with dust or water has to be avoided, as this may cause a reduction of the bonding between joint flanks and sealant. neath on traffic areas.

Weather conditions

The prepared joints are only allowed to be sealed at dry weather conditions and at a surface temperature of the building part above 5 °C.

Central Sales

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Material consumption

COLZUMIX®- VPD: The consumption of the primer is approx. 3 % of the sealant amount needed.

Storage

Only allowed to be stored in well ventilated areas. Protect from direct sunlight. The product is storable for at least 24 months at cold and dry storage.

Form of supply

Tins: 10 litres

Cleaning agent

Equipment
(not hardened primer): Petrol and commercial solvents
In case of skin contact: Hand cleansing paste

Jointly applicable regulations

At the production or filling joints, the specifications of the following approvals must be observed:

- General building authority approval of DIBt Z.74.6-93 (LAU systems)
- General building authority approval of the DIBt Z.74.62-158 (JGS systems)

Safety information

The safety data sheet has necessarily to be observed. It contains security relevant information especially on storing, transport and handling of COLZUMIX®- VPD.

This product information corresponds to our latest available information. The processor is obliged to test the suitability and application options for the intended purpose. We shall be pleased to advise if you have any questions about our product. Our Terms and Conditions of Business apply, which can be found at www.dga.de.

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