

COLZUMIX®-Airfield



Plastic primer for joints in heavy loaded traffic areas

Use

COLZUMIX®- Airfield is a specially modified, lucent primer for all bituminous BIGUMA®- joint sealants. The primer has especially to be used for joints in concrete pavements where increased force effects in the area of the joint flanks are expected because of the construction mode of the concrete pavement. Furthermore the primer has to be preferred if a surface critical for adhesion is to be expected because of the concrete compounding. For rolled joints, which do have movements exceeding the values indicated in ZTV - Fug COLZUMIX®- Airfield has to be used in combination with BIGUMA®- Airfield.

Properties

COLZUMIX®- Airfield fulfils the requirements of the „Technical delivery conditions of joint sealants in traffic areas“ (TL Fug-StB 01) and the quality regulations of the Swiss Standard Organisation for precoating materials (SNV 671 625a).

COLZUMIX®- Airfield distinguishes itself by the following characteristics:

- very good bonding to nearly all subsoil, especially to asphalt and concrete
- suitable for critical application areas, such as manoeuvring surfaces
- fast drying of the applied primer
- high dust penetration
- guarantees a good bonding between joint flanks and the applied BIGUMA®-joint sealants
- resistant against aqueous solutions, salts and thinned acids, or similar
- thin flowing, therefore easy to apply

Application instructions

a) Preparatory work

The asphalt and concrete 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 sticking on the concrete and asphalt parts and to form an adhesive layer, which will later on fuse with the applied sealant. COLZUMIX®- Airfield 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 to be recommended that a strip of about 1 cm width is applied on the road pavement on both sides of the joint. It is only allowed to use as much primer that no material accumulates on the ground of the joint.

Central Sales

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Producer

Plant Dortmund

c) Filling of the joints

Before the application of the joint sealant, the applied primer has to be dried, that means the surfaces have to be touch-dry. The joints primed with COLZUMIX®- Airfield must be dry and free from dust in order to guarantee an intensive bonding with the concrete or asphalt. 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.

Weather conditions

The prepared joints are only allowed to be sealed at dry weather conditions and at a surface temperature of the building part of 0 °C.

Material consumption

Colzumix®- Airfield: 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: 5 l

Cleaning agent

Equipment: BIGUMA®- SWS, petrol and commercial solvents

At skin contact: hand washing paste

Authoritative regulations

At the production or the filling of the joints you have to follow among others the following regulations:

- ZTV Fug-StB

Important hint

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

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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