



2-comp. Primer B55 for cobbles

TECHNICAL INFORMATION

2-comp. Primer B55 for cobbles

SWARCO LIMBURGER LACKFABRIK GmbH
Road Marking Systems

2-component Primer B55 for cobbles

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Special application - Primer

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1 Main characteristics / Field of application

2-component Primer B55 for cobbles...

- is an elastic primer for cobbles surfaces (natural- and artificial stones, not suitable for concrete paving) and is a primer for subsequent application of cobbles mortar and the final marking material
- is characterized by high elasticity compensating slightly movements of cobbles pavements and extending marking life. However crack formation or spalling cannot be avoided.

2 Technical Data

Color	Transparent
Density	approx. 1.01 kg/l +/- 0.1
Potlife	5 – 10 minutes, depends on hardener quantity, air- and material temperature
Mixing ratio	Base component (2-comp. Primer B55 for cobbles) : Hardener (BPO) = 100 : 1
Curing time	approx. 30 minutes Depends on climate conditions (temperature, humidity, wind) material, layer thickness and road surface. In general the markings`overrollability must be checked before exposing them to traffic impact. Primer B55 must be hardened before subsequent marking application, B55 can be still sticky
Solvent for cleaning	Special cleaner for marking machines Art.-No.: 3086
Storage stability	6 months, unmixed in sealed original packaging and sheltered from frost and direct sun exposure
Standard packaging	2-comp. Primer B55 for cobbles: cans with 2,5/5/10/25 kg filling weight Hardener powder: in PE-bags, filling weight corresponding to mixing ratio and container content Attention: all hardener types are organic peroxides – they must be separately packaged, transported and stored from the coldplastic in special containers (special cartons and boxes)
Identification	The regulations and instructions concerning appropriate transport, handling, storage, first aid & measures, toxicology and ecology are stated in our material safety data sheet! The instructions stated on the product label and in the MSDS must be followed.
Processing temperature	min, + 5°C
Surface temperature	+ 5°C to + 45°C
Relative humidity	max. 75% (dew point spreadsheet has to be regarded)
Layer thickness	approx. 300 µm – max. 10 mm
Theoretical consumption	approx. 0.10 kg/m² = 0.1 l/m² pro 100 µm thickness. Actual consumption depends on applied thickness and type and state of the cobbles

3 Processing instructions

Prior to application 2-comp. Primer B55 for cobbles must be stirred in its original container until of even consistency. Use the only the quantity needed for the next marking job. Then the hardener powder is added into the base component at the indicated mixing ratio under homogeneous stirring.

2-comp. Primer B55 for cobbles is solvent-free and must be applied without adding solvent.

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Machines, tools and auxiliaries must be cleaned before the product cures, using Special cleaner for marking machines (Art.-No.: 3086).

4 Surfaces / Pretreatment

4.1 General information

The surface (including joints) must be dry (approx. 1 week should have fallen no rain), clean, free from grease, oil & loose gravel and other contaminations. The surface and any existing old markings must be checked for their carrying capacity and compatibility with material to be applied. In case of doubt, application and adhesion tests are required. Ideally old markings should be removed with appropriate mechanical procedures.

4.2 Cobbles surfaces

Cobblestone pavement, natural- and artificial stones are moveable surfaces. 2-comp. Primer B55 for cobbles is used for priming cobbles surfaces (not suitable for concrete paving). Concrete pavers are to be primed by 2-Component EP-Primer.

For formation of cracks and/or spalling of marking material, low bonding properties, shift of marking layers and fast wear, caused by or without traffic impact, no warranty is given by the manufacture.

5 Application techniques

Application of 2-comp. Primer B55 for cobbles is carried out by brush or roller. The short potlife of the primer does not allow machine processing. 2-comp. Primer B55 for cobbles mixed with powder hardener has to be spread evenly. Pronounces (wide and/or deep) joints need more than one primer applications. Tapes can be used for hemming the primed joint area. After curing the mortar and then the marking material are applicable.

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