

MasterSeal P 690

1K polyacrylate / bitumen combination as tie coat to asphalt, solvent containing

MATERIAL DESCRIPTION

MasterSeal P 690 is an approved, solvent containing, single component tie coat based on a polyacrylate / bitumen combination.

AREAS OF APPLICATION

MasterSeal P 690 is exclusively used as a tie-coat between spray applied MasterSeal M 800 membrane and "Gussasphalt" (application temperature of asphalt: 220 – 240 °C).

FEATURES AND BENEFITS

- provides excellent bond between
- MasterSeal M 800 and asphalt
- low viscosity
- easy to apply
- low consumption

APPLICATION METHOD

(a) Surface Preparation

The surface to which MasterSeal P 690 is to be applied must be clean and dry and free from oil and grease and any other substance which may impair adhesion. Membranes which have been exposed for more than 2 weeks should be abraded and the dust removed prior to application of MasterSeal P 690. If the maximum re-coating interval is exceeded, MasterSeal P 690 must be re-applied.

(b) Mixing

(c) Application

MasterSeal P 690 is a single-component material. Some settling will occur on standing so MasterSeal P 690 must be well stirred before use. To achieve a uniform consistency, the product should be stirred using a slow running (approx 300 rpm) helical stirrer or similar. for at least 3 minutes until a homogeneous consistency is reached. Scrape the sides and bottom of the container several times to ensure a complete mixing. MasterSeal P 690 is applied evenly by roller. Avoid ponding. The temperature of the substrate must be at least 3 K above the dew point during the application and for the following 6 hours. Protect from water for min. 6 hours after application.

COVERAGE

The consumption of MasterSeal P 690 is between 0,15 and 0,25 kg/m², depending on the condition and porosity of the substrate.

The above consumption figures are intended as a guide only and may be higher on very rough or porous substrates

PACKAGING

MasterSeal P 690 is supplied in 25-kg-working packs.

COLOUR

black.

STORAGE / SHELF LIFE

Store in original containers, under dry conditions and a temperature between 15–25 °C. Do not expose to direct sun-light. For maximum shelf life under these conditions, see "Best before...." label.

EU REGULATION 2004/42 (DECOPAINT GUIDELINE)

This product conforms to the EU directive 2004/42/EG (Deco-Paint directive) and contains less than the maximum allowable VOC limit (Stage 2, 2010)

According to the EU directive 2004/42, the maximum allowable VOC content for the Product Category IIA / h is 500 g/l (Limit: Stage 2, 2010). The VOC content for MasterSeal P 690 is < 500 g/l (for the ready to use product).

HANDLING / PRECAUTIONS

In its cured state, MasterSeal P 690 is physiologically non-hazardous. The following protective measures should be taken when working with the material:

Wear safety gloves, goggles and protective clothing. Avoid contact with the skin and eyes. In case of eye contact, seek medical attention. Avoid inhalation of the fumes. When working with the product, do not eat, smoke or work near a naked flame.

For additional references to safety-hazard warnings, regulations regarding transport and waste management please refer to the relevant Material Safety Data Sheet. The regulations of the local trade association and/or other authorities, regulating safety and hygiene of workers handling solvent containing coatings must be followed.

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Product data*			
Properties	Standard	Data	Unit
Chemical base	-	Polyacrylate bitumen	-
Mixing ratio	A : B	single component	-
Density	-	0,92	g/cm ³
Viscosity	-	800	mPas
Re-coating interval	-	at 10 °C	min. 72 max. 28
		at 23 °C	min. 48 max. 28
		at 30 °C	min. 10 max. 28
			h
			d
			d
Substrate and ambient temperatures	-	min. 10 max. 30	°C °C

* The above figures are intended as a guide only and should not be used as a basis for specifications.

CE-MARKING

The CE marking is missing; there is no suitable harmonized standard.

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DISCLAIMER

In view of widely varying site conditions and fields of application of our products, this technical data sheet is meant to provide general application guidelines only. This information is based on our present knowledge and experience. The customer is not released from the obligation to conduct careful testing of suitability and possible application for the intended use. The customer is obliged to contact the technical helpline for fields of application not expressly stated in the technical data sheet under "Fields of Application". Use of the product beyond the fields of application as stated in the technical data sheet without previous consultation with Master Builders Solutions and possible resulting damages are in the sole responsibility of the customer. All descriptions, drawings, photographs, data, ratios, weights i.e. stated herein can be changed without advance notice and do not represent the condition of the product as stipulated by contract. It is the sole responsibility of the recipient of our products to observe possible proprietary rights as well as existing laws and provisions. The reference of trade names of other companies is no recommendation and does not exclude the use of products of similar type. Our information only describes the quality of our products and services and is no warranty. Liability is accepted for incomplete or incorrect particulars in our data sheets only in the event of intent or gross negligence, without prejudice to claims under product liability laws.

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