

MC SportsCoat Base

Water-based, modified bitumen resurface emulsion

Product Properties

- Two-component, water-based modified bitumen emulsion for use in resurfacing sport areas
- Non-flammable
- 1 - 2 mm built-up thickness

Areas of Application

- Indoor & outdoor tennis courts, basketball courts and other sport areas
- Multi-purpose pedestrian areas
- Resurface underlayment on mineral-based and asphalt-based substrates

Application

Substrate Preparation/ Mixing

See leaflets "General Application Advice":

"MC-Industrial Floors - Substrate and Substrate Preparation" and "Reactive Resins".

MC SportsCoat Base consists of two-component - component A (base) and component B (fillers), supplied in pre-packed quantities. Component A is pre-stirred with slowly rotating mechanical mixers for at least 10 seconds. Pour component B into component A and mix for about 1 minute until a homogenous mixture is achieved.

For priming layer, 20 - 25% of water can be added into the mixture.

For finished layer, 10 - 15% of water can be added into the mixture.

Priming

New concrete surface must be cured for at least 28 days. Surface should have medium broom finish or similar roughened texture. Etch surface with muriatic or phosphoric acid and apply thinned layer of MC SportsCoat Base.

New asphalt surface must be cured for at least 21 days. It is recommended to apply 2 or more coats of MC SportsCoat Base to resurface and minimize surface profile imperfection.

Application

MC SportsCoat Base is applied with flexible rubber squeegees. Spread the material in "windrow" form onto the prepared substrate and even quickly using the squeegees. For exterior application, per run of the "windrow" should not more than 20 meters due to high temperature.

During application, footwear has to be rubber boots. Spiked shoes is not advisable

Good ventilation must be maintained throughout the drying and curing period. Do not apply when the temperature is above 40°C, rain or mist is imminent. Best result is achieved when the material is applied either early morning or evening.

General Information

Coverage rate is dependent on texture, temperature and porosity of the substrate as well as product storage and workability temperature. To determine this exactly, a sample should be laid and coverage noted. Higher temperatures shorten while lower temperatures lengthen the pot life. The general rule of thumb is that a temperature change of $\pm 10^{\circ}\text{C}$ either halves or doubles the pot life respectively.

Coating materials may contain raw materials and pigments of natural resources. Therefore, colour variations between different batches are possible. For adjoining areas we recommend to use products from the same batch. The batch number is indicated on the label of the base component. For later orders for the same site please indicate the batch number when ordering new material.

Exposure to chemicals and UV-light may cause colour changes, which usually do not affect the properties and usability of the coating.

Mechanically and chemically exposed surfaces are subject to wear and tear. Regular check-ups and continuous maintenance are advised.

Technical Data for MC SportsCoat Base

Characteristics	Unit	Value	Comments
Mixing ratio	p.b.w.	18 : 21	base : fillers
Density	g/cm ³	approx. 1.800	-
Pot life	minutes	approx. 45	at 20°C and 50% relative humidity
Resistance to foot traffic after...	hours	approx. 8	at 20°C and 50% relative humidity
Finishing	-	coarse	-
Application conditions	°C	> 10 - < 40	air, material and substrate temperature
	%	< 85	relative humidity
	K	> 3	above dew point
Coverage	kg/m ²	0.800 - 1.000	priming layer
		1.000 - 1.200	finished layer

Product Characteristics for MC SportsCoat Base

Cleaning agent	Water
Colour	Black
Delivery	39 kg pack
Storage	Can be stored in cool (> 5°C - < 25 °C) and dry conditions for at least 12 months in original unopened packs. Protect from frost!
Disposal	In the interest of the environment, please empty all packs completely & in accordance with local regulations.

Safety Advice

Please take notice of the safety information and advice given on the packaging labels and safety information sheets and please take notice of the leaflet "Safety Measures for Handling Coating Materials and Reactive Resins".

Note: The information on this data sheet is based on our experiences and correct to the best of our knowledge. It is, however, not binding. It has to be adjusted to the individual structure, application purpose and especially to local conditions. Our data refers to the accepted engineering rules, which have to be observed during application. This provided we are liable for the correctness of this data within the scope of our terms and conditions of sale-delivery-and-service. Recommendations of our employees which differ from the data contained in our information sheets are only binding if given in written form. The accepted engineering rules must be observed at all times.

Edition 03/20. Some technical changes have been made to this print medium. Older editions are invalid and may not be used anymore. If a technically revised new edition is issued, this edition becomes invalid.