

# MasterSeal® M 882

Three component, solvent free polyaspartic wear coat for use in high traffic waterproofing systems

## DESCRIPTION

**MasterSeal M 882** is a wear coat for use in car park deck waterproofing systems. It is a solvent free, 3- component polyaspartic that consists of a liquid part A and liquid part B and a filler to adjust the viscosity for use on horizontal and sloping applications. It has a low consumption for economic use and exhibits an excellent bond to the waterproofing membrane. **MasterSeal M 882** is slightly elastic so that it can accommodate some movement of the deck. It has a tenacious hold onto the broadcast aggregate providing a hard wearing, skid resistant surface.

## RECOMMENDED USES

**MasterSeal M 882** is primarily intended for use as the wear coat in MasterSeal Traffic car park deck waterproofing systems. It can also be used in other systems where its low consumption and ease of application together with its excellent mechanical properties can be used to advantage.

## FEATURES AND BENEFITS

- **Long lasting non slip profile** - tenacious hold to broadcast aggregate
- **Withstands loads imposed by traffic** - excellent bond to waterproofing membrane
- **Suitable for prolonged use in carparks** - resistant to fuels, battery acid and hydraulic oils

## PROPERTIES

Mixing ratio	by volume		1:1:2
Mixed density	at 23° C	g/mm <sup>2</sup>	1.08
Working time	at 23° C	min	30
Substrate and ambient temperatures		° C	min. 5
		° C	max. 40
Relative humidity		%	max. 80

Technical Data cured material			
Shore D hardness			65
Tensile strength	DIN 53504	N/mm <sup>2</sup>	16.0
Elongation	DIN 53504	%	50

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

## APPLICATION

The coating to which **MasterSeal M 882** is to be applied should be clean and dry. Application should take place within the re-coating intervals of the surface to which it is to be applied. IF the membrane is outside the recoat window or has been affected by rain or a heavy dew then the **MasterSeal P 692** is mandatory before the membrane is applied.

**MasterSeal M 882** is supplied in working packs which are pre-packaged in the exact ratio. Before mixing, precondition all components to a temperature of approximately 15 to 25 °C. Small mixes may be achieved if the volumetric mix ratio is maintained (1 volume of part A, 1 Volume of parts and 2 volumes of parts C filler) Using a clean bucket add the required volume of part A, B and C and mix with a slow speed drill until homogeneous (approximately 1 minute). Scrape the sides and the bottom of the container several times to ensure complete mixing. Keep the mixer blades submerged in the coating to avoid introducing air bubbles. Do not work out of original container. Immediately after mixing the **MasterSeal M 882** should be spread with a notched squeegee or pin rake to the desired thickness.

As the material has a relatively short open time broadcast the non-skid aggregate no later than 10 minutes after application to the substrate. The non-skid aggregate should be broadcast to excess leaving no "bald" patches. After broadcast there should be no **MasterSeal M 882** visible.

The curing time of the material is influenced by the ambient, material and substrate temperatures. At low temperatures, the chemical reactions are slowed down; this lengthens the pot life, open time and curing times. High temperatures speed up the chemical reactions thus the time frames mentioned above are shortened accordingly.

To fully cure, the material, substrate and application temperature should not fall below the minimum. Following application the material should be protected from direct contact with water for approx. 6 hours. The temperature of the substrate must be at least 3°C above the dew point both during the application and for at least 6 hours after application (at 15 °C).



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# MasterSeal® M 882

Fully broadcast with Filler F10 into the still wet wear coat at the rate of 2.0 – 4.0 kg/m<sup>2</sup>. Allow to cure for at least 4 hours before removing all excess filler with a stiff broom and vacuum. The achieved thickness shall be 1-2mm.

For more details of the potential system build ups refer to the “Application Guide for the MasterSeal Traffic 2000HD or 2500HD systems”.

## ESTIMATING DATA

The consumption of **MasterSeal M 882** is 400-700 microns WFT.

MasterSeal M 882 Wet Film thickness				
L	Thickness in mm /m <sup>2</sup>	m <sup>3</sup>	pails /m <sup>3</sup>	m <sup>2</sup> /mm thickness
12	12mm	(0.012)	83	12 m <sup>2</sup>

## PACKAGING

**MasterSeal M 882** is supplied in 12l working packs.

MasterSeal M 882 Part A	4L
MasterSeal M 882 Part B	4L
MasterTop F11	8L

## SHELF LIFE

**MasterSeal M 882** has a shelf life of 12 months. Store out of direct sunlight, clear of the ground on pallets protected from rainfall.

## PRECAUTIONS

For the full health and safety hazard information and how to safely handle and use this product, please make sure that you obtain a copy of the BASF Safety Data Sheet (SDS) from our office or our website.

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### STATEMENT OF RESPONSIBILITY

The technical information and application advice given in this BASF publication are based on the present state of our best scientific and practical knowledge. As the information herein is of a general nature, no assumption can be made as to a product's suitability for a particular use or application and no warranty as to its accuracy, reliability or completeness either expressed or implied is given other than those required by law. The user is responsible for checking the suitability of products for their intended use.

### NOTE

Field service where provided does not constitute supervisory responsibility. Suggestions made by BASF either orally or in writing may be followed, modified or rejected by the owner, engineer or contractor since they, and not BASF, are responsible for carrying out procedures appropriate to a specific application.

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