

StreetRap Protect

PRODUCT DESCRIPTION

StreetRap Protect is a product specifically developed for Floor Graphics applications on uneven surfaces made with eg StreetRap printing media. Streetrap Protect will bring a nice satin, sand structure finish and slip resistance to the print. This laminate can be used outdoors but only in dry weather areas.

STREETRAP PROTECT

- is a 125 µ clear matt PVC film with a satin sand structured finish that helps eliminate glare and provides a very unique and pleasant finish.
- not only provides protection from abrasion and moisture, it also helps retard colour fade caused by ultraviolet light exposure.
- is rated R9 according to DIN 51130
- is rated “low slip potential” in dry conditions and “moderate slip potential” in wet conditions under the BS 7976-2: 2002 Pendulum Test.
- used in combination with the StreetRap printing media, it conforms well to uneven surfaces like textured tiles, concrete, pavement, bitumen....
- does not influence the pH level of substrate to which it is applied.

Note : as any flooring material, can be slippery when wet or dirty

PHYSICAL PROPERTIES

	<u>Average values</u>	<u>Test method</u>
<u>Adhesive</u>		
Quick Tack on glass (N/25 mm)	16	FTM 9
Peel 180° on glass (N/25 mm)		
- after 20 minutes	13	FTM 1
- after 24 hours	14	FTM 1
Gloss (85° angle)	10	ASTM D-523
Dimensional stability		
- MD	1 %	FTM 14
- CD	1 %	
Flammability	self-extinguishing	Sample mounted on aluminium
<u>Release liner</u>		
One side siliconized paper (gr/m ²)	90	ISO 536
Film + adhesive (µ)	150	ISO 534 (ASTM D 645)

HEAT RESISTANCE

Application temperature range : + 15°C to + 30°C

End-use temperature range : - 30°C to + 70°C

For temperatures outside those quoted above, please consult MACtac.

SHELF LIFE

2 years when stored at 15 to 25°C and ± 50 % relative humidity.

EXPECTED DURABILITY

The expected durability of the unprocessed product in Central Europe (Zone 1) is

- up to 6 months when used in the production of indoor floor graphics
- up to 3 months when used in the production of outdoor floor graphics

This information is based on successful real life experience and testing in a laboratory Weather-Ometer according to ISO 4892-3.

Note : *Exposure to severe temperatures, ultra-violet light as well as conditions in Southern European countries, tropical, sub-tropical or desert regions will cause more rapid deterioration. This also applies to polluted areas, high altitude and south facing exposure. No durability warranty is given for horizontal exposure. For more information, please refer to Technical Bulletin 7.5: "Outdoor Durability of combined MACtac print media and laminates".*

On the floor, the graphics can be damaged by heavy-duty equipment. MACtac cannot be held responsible for any damage caused in this way. The durability of a floor graphics also depends on the preparation, application, cleaning, usage conditions and also type of flooring.

RECOMMENDATIONS

StreetRap Protect should be maintained clean to keep its slip resistance.

Storage : MACtac recommends that rolls be stored on end or suspended from the core.

Application: please refer to Technical bulletin 4.16 : "Application guide Outdoor Floorgraphics :

StreetRap & StreetRap Protect

Transport :

- allow the maximum amount of time after lamination, preferably overnight, before rolling for transport,
- roll the largest diameter possible, no less than 15 cm diameter,
- roll with the StreetRap Protect to the outside.

Slip resistance of Floor Graphics applications

MACtac has tested the StreetRap Protect according to 2 international standard norms of slip resistance. As legislation evolves regularly from country to country, we recommend to check if the level of slip resistance and the method of assessment are in compliance with the law of your own country.

IMPORTANT NOTICE

All MACtac products are subject to careful quality control throughout the manufacturing process and are warranted to be of merchantable quality and free from manufacturing defects.

Published information concerning MACtac products is based upon research which the Company believes to be reliable although such information does not constitute a warranty.

Because of the variety of uses of MACtac products and the continuing development of new applications, the purchaser should carefully consider the suitability and performance of the product for each intended use, and the purchaser shall assume all risks regarding such use. The seller shall not be liable for damages in excess of the purchase price of the product nor for incidental or consequential damages.

All specifications are subject to change without prior notice.