
45340: BASE 45349: CURING AGENT 95570

Description:	HEMPEL'S NON-SKID 45340 is a two-component polyamide cured epoxy high build coating, it forms a hard, tough, abrasion resistant non-skid coating resistant to abrasion, impact, fresh water, seawater, diesel oil, splashes from petrol, jet fuel, lubricating oil and related products. Limited resistance to vegetable oils and to strong solvents such as ketones, esters etc. Not recommended for mineral acids or strong oxidizing solutions. Cures at temperatures down to -10°C.
Recommended use:	As a non-skid coating on steel decks and concrete in severely corrosive environments and/or subject to mechanical wear.
Service temperature:	Maximum: 140°C/284°F
Certificates/Approvals:	Conforms to DEF STAN 80-134 Type 1 deck coating (wear and non-slip).
Availability:	Part of Group Assortment. Local availability subject to confirmation.
PHYSICAL CONSTANTS:	
Shade nos/Colours:	16400 / Grey. (BS381C-640)
Finish:	Flat
Volume solids, %:	63 ± 1
Theoretical spreading rate:	3.2 m ² /l [128.3 sq.ft./US gallon] - 200 micron/8 mils
Flash point:	25 °C [77 °F]
Specific gravity:	1.7 kg/litre [14.2 lbs/US gallon]
Dry to touch:	see REMARKS overleaf
Fully cured:	7 day(s) 20°C/68°F
VOC content:	335 g/l [2.8 lbs/US gallon]
	<i>The physical constants stated are nominal data according to the HEMPEL Group's approved formulas.</i>
APPLICATION DETAILS:	
Version, mixed product:	45340
Mixing ratio:	BASE 45349: CURING AGENT 95570 4 : 1 by volume
Application method:	Hopper gun / Roller / Brush
Thinner (max.vol.):	08450 (10%) / 08450 (5%) / 08450 (5%)
Pot life:	2 approx. hour(s) 20°C/68°F
Nozzle orifice:	5 mm (Hopper gun)
Nozzle pressure:	4 - 5 bar [58 - 72.5 psi] (Spray data is indicative and subject to adjustment)
Cleaning of tools:	HEMPEL'S THINNER 08450 or HEMPEL'S TOOL CLEANER 99610
Indicated film thickness, dry:	200 micron [8 mils]
Indicated film thickness, wet:	Not applicable.
Overcoat interval, min:	According to specification.
Overcoat interval, max:	According to specification.
Safety:	Handle with care. Before and during use, observe all safety labels on packaging and paint containers, consult HEMPEL Safety Data Sheets and follow all local or national safety regulations.

Product Data

HEMPEL'S NON-SKID 45340



SURFACE PREPARATION:	According to specification.
APPLICATION CONDITIONS:	Use only where application and curing can proceed at temperatures above: -10°C/14°F. The temperature of the surface must also be above these limits. Relative humidity maximum 90%. Apply only on a dry and clean surface with a temperature above the dew point to avoid condensation. In confined spaces provide adequate ventilation during application and drying. The temperature of the paint itself should preferably be between 15-25°C/59-77°F, as a minimum 10°C to ensure satisfactory application properties. When the temperature of the paint is between 10-15°C, mix and allow the product to pre-react for 15 minutes. Then mix again before use.
PRECEDING COAT:	HEMPADUR MASTIC 45880, HEMPADUR 15590, HEMPADUR 15570 or HEMPADUR 45143
SUBSEQUENT COAT:	None or HEMPADUR, HEMPATHANE, or HEMPEL'S DECK MARKING 453GB
REMARKS:	The material contains a heavy aggregate and as a consequence frequent stirring during application is necessary to ensure even distribution during application. Excessive thinning may cause lower film build, unsatisfactory texture, slower drying and curing.
Overcoating note:	Before overcoating after exposure in contaminated environment, clean the surface thoroughly by high pressure water cleaning and allow drying.
Note:	HEMPEL'S NON-SKID 45340 For professional use only.
ISSUED BY:	HEMPEL A/S

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This Product Data Sheet supersedes those previously issued.

For explanations, definitions and scope, see "Explanatory Notes" available on www.hempel.com. Data, specifications, directions and recommendations given in this data sheet represent only test results or experience obtained under controlled or specially defined circumstances. Their accuracy, completeness or appropriateness under the actual conditions of any intended use of the Products herein must be determined exclusively by the Buyer and/or User.

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