

35290: BASE 35299: CURING AGENT 98290

Description:	HEMPEL'S PROFAIR 35290 is a light weight two-component, epoxy filler with good adhesion and water resistance. Easy to sand when fully cured.
Recommended use:	Suitable on glass fibre, hardwood, steel and other rigid materials. For interior and exterior use above and below the waterline.
Features:	1. As a filler and fairing compound for profiling large areas. 2. For detailed fairing where structural strength and flexibility is required. 3. Can be applied to a film thickness up to 25 mm without sagging.
Availability:	Part of European Yacht assortment. Local availability subject to confirmation.

PHYSICAL CONSTANTS:

Shade nos/Colours:	30540/ Blue.
Finish:	Semi-gloss
Volume solids, %:	100
Theoretical spreading rate:	1 m ² /l [40.1 sq.ft./US gallon] - 1 mm / 40 mils
Flash point:	None.
Specific gravity:	0.8 kg/litre [6.5 lbs/US gallon]
Dry to touch:	12 hour(s) 20°C/68°F 24 hour(s) 10°C/50°F
Dry to sand:	24 hour(s) 20°C/68°F 48 hour(s) 10°C/50°F
Fully cured:	7 day(s) 20°C/68°F 14 day(s) 10°C/50°F
VOC content:	10 g/l [0.1 lbs/US gallon]
Shelf life:	1.5 year 25°C/77°F

The physical constants stated are nominal data according to the HEMPEL Group's approved formulas.

APPLICATION DETAILS:

Version, mixed product:	35290
Mixing ratio:	BASE 35299: CURING AGENT 98290 1:1 by volume. Immediately before use, mix equal parts of each of the two components until a uniform colour is obtained. Avoid air bubbles in the mixture.
Application method:	Spatula
Thinner (max.vol.):	Do not dilute.
Pot life:	1 hour(s) 20°C/68°F 2 hour(s) 10°C/50°F
Cleaning of tools:	HEMPEL'S DEGREASER 99611 or HEMPEL'S THINNER 845 (No 5) 08451
Indicated film thickness, dry:	As required
Indicated film thickness, wet:	As required
Overcoat interval, min:	24 hour(s) 20°C/68°F 48 hour(s) 10°C/50°F
Overcoat interval, max:	None.

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.
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SURFACE PREPARATION:	Preparation: Always ensure all surfaces are clean, oil free and dry. Clean the surface and remove possible oil and grease with a suitable detergent and sand with dry abrasive paper. Uncoated surface: Sand and remove all dust. Prime with 1-2 coats of specified HEMPEL'S PRIMER. Previously coated surface: Abrade, clean and dry the surface.
PRODUCT APPLICATION:	Method: The product can be applied to a thickness of 25 mm. Then fair and overcoat when dry with 2 coats of recommended HEMPEL'S PRIMER. Fair the product whilst it is still possible to make finger prints in the filler and it is still tacky. Topcoat finishes should not be applied directly on top of the product.
APPLICATION CONDITIONS :	The surface must be completely clean and dry at the time of application and its temperature must be above the dew point to avoid condensation. The moisture content in the wood should not exceed: 16%. Do not apply in direct sunlight. In confined spaces provide adequate ventilation during application and drying.
RECOMMENDED DETERGENT :	HEMPEL'S PRE-CLEAN 67602
PRECEDING COAT:	HEMPEL'S LIGHT PRIMER 45551
SUBSEQUENT COAT:	HEMPEL'S LIGHT PRIMER 45551
REMARKS:	Overcoating interval for HEMPEL'S PRIMER is max 30 days 20°C/68°F and 60 days 10°C/50°F.
Stirring:	Stir product well before use.
Storage Conditions:	Exposure to air and temperature variances should be avoided. Avoid direct sunlight. Keep containers tightly sealed. Store at temperatures: 5°C/41°F - 35°C/95°F.
Curing agent:	Sensitive to moisture. Even small traces of water in the mixed paint will reduce the pot life and result in film defects. Open curing agent cans with caution as overpressure might exist. Do not fix lid on cans containing mixed product. Store in a cool place.
Overcoating:	No maximum overcoating interval, but if the surface has been contaminated by oils and pollutants, thoroughly remove with suitable detergent, rinse with fresh water and allow to dry. Light abrade and remove all dust prior to repainting.
Note:	HEMPEL'S PROFAIR 35290
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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