

HEMPADUR* FAST DRY 15560

CURING AGENT 97560

Description:	HEMPADUR FAST DRY 1556 is a two component, polyamine adduct cured epoxy paint with a very short drying time.
Recommended use:	As a quick drying primer or intermediate coat in HEMPADUR systems for especially fast recoatable in-shop applications. Can be used for on-site work too if eg VOC compliance is requested.
Service temperatures:	Maximum, dry: 140°C/284°F. See REMARKS overleaf.
Availability:	Subject to confirmation.

PHYSICAL CONSTANTS:

Colours/Shade nos:	Grey/12170 - Reddish grey/12430 (<i>MIO version</i>)
Finish:	Flat
Volume solids:	62%
Theoretical spreading rate:	6.2 m ² /litre - 100 micron 249 sq.ft./US gallon - 4 mils
Flash point:	27°C/81°F
Specific gravity:	1.6 kg/litre - 13.4 lbs/US gallon
Surface dry:	½ (approx.) hr at 20°C/68°F (ISO 1517)
Dry to touch:	1½-2 hours at 20°C/68°F
Fully cured:	7 days at 20°C/68°F
V.O.C.:	330 g/litre - 2.7 lbs/US gallon (<i>According to EPA Fed Ref Method 24</i>)

*The physical constants are subject to normal manufacturing tolerances.
Further reference is made to "Explanatory Notes" in the Hempel Book.*

APPLICATION DETAILS:

Mixing ratio for 15560:	Base 15569 : Curing agent 97560 4 : 1 by volume
Application method:	Airless spray Air Spray Brush
Thinner (max. vol.):	0845 (5%) 0845 (15%) 0845 (5%)
Pot life:	2 hours (20°C/68°F)
Nozzle orifice:	.019"-.021"
Nozzle pressure:	175 bar/2500 psi (<i>Airless spray data are indicative and subject to adjustment</i>)
Cleaning of tools:	HEMPEL'S TOOL CLEANER 9961
Indicated film thickness, dry:	100 micron/4 mils (<i>See REMARKS overleaf</i>)
Indicated film thickness, wet:	175 micron/7 mils
Recoat interval, min:	See REMARKS overleaf
Recoat interval, max:	See REMARKS overleaf

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SURFACE	New steel (dry conditions): Abrasive blasting to Sa 2½, SSPC-SP-10. For temporary protection, if
PREPARATION:	required, use suitable shopprimer. All damage of shopprimer and contamination from storage and fabrication should be thoroughly cleaned prior to final painting. For repair and touch-up use HEMPADUR 1556. Maintenance: Remove oil and grease, etc. with suitable detergent. Remove salt and other contaminants by (high pressure) fresh water cleaning. Remove all rust and loose material by wet or dry abrasive blasting or power tool cleaning. Feather edges to sound and intact areas. After wet abrasive blasting hose down the surface with fresh water and allow to dry. Touch up bare spots to full film thickness.
APPLICATION CONDITIONS:	Use only where application and curing can proceed at temperatures above 0°C/32°F. The temperature of the paint itself should be 15°C/60°F or above to secure proper application properties. In confined spaces provide adequate ventilation during application and drying.
PRECEDING COAT:	None, or according to specification.
SUBSEQUENT COAT:	HEMPADUR, HEMPATANE, HEMPATEX or HEMUCRYL as per specification.
REMARKS:	Is usually not applied as a finishing coat, however, a tendency to chalk in outdoor exposure does not detract from the protective properties.
Service temperatures:	Even though the service temperature is kept below the specified maximum, it should be noted that the higher the temperature, the more sensitive the paint will be to mechanical and/or chemical exposure. Combined thermal/mechanical and/or chemical exposure may therefore increase the risk of damage.
Film thicknesses:	May be specified in another film thickness than indicated depending on purpose and area of use. This will alter spreading rate and may influence drying time and recoating interval. Normal range is 75-150 micron/3-6 mils.
Recoating:	Recoating intervals related to later conditions of exposure: (Dry film thickness of HEMPADUR FAST DRY 1556 as indicated below)

	Minimum In-field application* 100 micron/4 mils		Minimum Workshop application 75 micron/3 mils		Maximum	
Surface temperature	20°C/68°F		20°C/68°F		20°C/68°F	
Exposure during service	Atmospheric		Atmospheric		Atmospheric	
Overcoated with	Medium	Severe	Medium	Severe	Medium	Severe
HEMPATEX	1 hour	2 hours	15 minutes	1 hour	8 hours	8 hours
HEMPADUR	2 hours	3 hours	1 hour	1½ hours	None	30 days
HEMPATANE	2 hours	3 hours	1 hour	1½ hours	10 days	3 days
5803	1 hour	2 hours	1 hour	1½ hours	24 hours	8 hours

*In case of general maintenance involving epoxy systems of high total dry film thickness, the minimum recoating interval may advantageously be doubled up.

Before recoating after exposure in contaminated environment, clean the surface thoroughly by (high pressure) fresh water hosing and allow to dry.

If the maximum recoating interval is exceeded, roughening of the surface is necessary to ensure intercoat adhesion.

Note:
SAFETY:

HEMPADUR FAST DRY 1556 is for professional use only.

Handle with care. Before and during use, observe all safety labels on packaging and paint containers, consult HEMPEL Material Safety Data Sheets and follow all local or national safety regulations. Harmful or fatal if swallowed; immediately seek medical assistance if swallowed. Avoid inhalation of possible solvent vapours or paint mist, as well as paint contact with skin and eyes. Apply only in well ventilated areas and ensure that adequate forced ventilation exists when applying paint in confined spaces or when the air is stagnant. Always take precautions against the risks of fire and explosions.

This Product Data Sheet supersedes those previously issued. For definition and scope, see explanatory notes to applicable Product Data Sheets. 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. The Products are supplied and all technical assistance is given subject to HEMPEL's GENERAL CONDITIONS OF SALES, DELIVERY AND SERVICE, unless otherwise expressly agreed in writing. The Manufacturer and Seller disclaim, and Buyer and/or User waive all claims involving, any liability, including but not limited to negligence, except as expressed in said GENERAL CONDITIONS for all results, injury or direct or consequential losses or damages arising from the use of the Products as recommended above, on the overleaf or otherwise.

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