

47860: BASE 47869: CURING AGENT 97086

Description:	HEMPAFIRE POOL 200 is a two-component epoxy based intumescent coating that provides passive fire protection of structural steel against hydrocarbon fires
Recommended use:	HEMPAFIRE POOL 200 is recommended for the protection of structural steel on onshore installations in the oil, gas, petrochemical and power generation sector that require protection against hydrocarbon pool fires. HEMPAFIRE POOL 200 is specially designed for use both in shop and onsite applications.
Certificates/Approvals:	ANSI/UL 1709 Certified and Exterior Listed by Underwriters Laboratories (UL) – Design Number XR654
Availability:	Part of Group Assortment. Local availability subject to confirmation.

Physical constants:

Colours/shade Nos.:	17770/Grey
Finish:	semi-gloss
Volume solids, %:	100 ± 1
Theoretical spreading rate:	1 m ² /litre [40 sq.ft/US gallon] – 1000 micron/40 mils
Flash point:	>106°C (>223°F)
Specific gravity:	1,30 kg/litre [10,85 lbs/US gallon]-Practical density
Through-dry:	4 hour(s) 25°C/77°F
Dry to handle:	8 hour(s) 25°C/77°F
VOC content:	0 g/litre [0 lbs/US gallon]
Shelf life:	12 months 25°C/77°F for BASE and 12 months 25°C/77°F for CURING AGENT from time of production, thereafter the paint's quality is subject to re-inspection. <i>The physical constants stated are nominal data according to the Hempel Group's approved formulas.</i>

Application details:

Version, mixed product	47860
Mixing ratio:	BASE 47869 : curing agent 97086 2 : 1 by volume
Application method:	Plural component airless spray and trowel
Thinner (max.vol.):	The use of thinners is not required
Pot life:	1.5 hours, 25°C/77°F
Nozzle orifice:	0.031"-0.039" (larger can be used on project specific, refer to HEMPAFIRE POOL 200 Application Instructions)
Cleaning of tools:	HEMPEL'S TOOL CLEANER 99610
Indicated film thickness, dry:	The Dry Film Thickness (DFT) is dependent on the required fire resistance. Consult your Hempel technical representative for more information. see REMARKS overleaf
Overcoat interval, min:	see REMARKS overleaf
Overcoat interval, max:	
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.

SURFACE PREPARATION:	Remove oil and grease etc. thoroughly with suitable detergent. Remove salts and other contaminants by high pressure fresh water cleaning. Abrasive blasting to Sa 2½ (ISO 8501-1:2007), SSPC-SP 10/NACE No. 2, with a sharp-edged surface profile corresponding to Rugotest No. 3, BN10a-b, Keane-Tator Comparator, 3.0 G/S, 2-3 S, or ISO Comparator, Medium (G). (Consult the separate APPLICATION INSTRUCTIONS)
APPLICATION CONDITIONS	At temperatures ranging: 5°C/41°F - 50°C/122°F. In confined spaces provide adequate ventilation during application and curing. Apply only on a dry and clean surface with a temperature 3°C above the dew point to avoid condensation. (Consult the separate APPLICATION INSTRUCTIONS)
PRECEDING COAT	According to specification and only Hempel approved primer. Consult your Hempel technical representative for detailed working specification.
SUBSEQUENT COAT	According to specification. Hempel recommends the use of a top coat for aesthetic purposes but HEMPAFIRE POOL 200 does not require it. Consult your Hempel technical representative for detailed working specification.

REMARKS:

Application(s): The recommended method of application shall be sprayed with a heated plural component unit. No thinning is required. Product suitable for trowel application.
For application, refer to the HEMPAFIRE POOL 200 Application Instructions.
HEMPAFIRE POOL 200 application requires the installation of Hempel's HEMPAFIRE MESH 67800. HEMPAFIRE MESH 67800 should be installed in accordance with specific fire design and as detailed in HEMPAFIRE POOL 200 Application Instructions.
Only certified applicators holding a valid Hempel HEMPAFIRE POOL 200 application approval shall apply HEMPAFIRE POOL 200 and install HEMPAFIRE MESH 67800.

Overcoating:

Environment	Atmospheric, medium					
Surface temperatures	10°C (50°F)		25°C (77°F)		40°C (104°F)	
	Min	Max	Min	Max	Min	Max
	8 h	3 d	4 h	3 d	2 h	3 d

NR = Not Recommended, Ext. = Extended, m = minute(s), h = hour(s), d = day(s)

Storage Conditions: Store under dry and clean conditions. Avoid direct sunlight.
Pack size: Available in 20 and 60 Kg kits.

Note: **47860 is for professional use only.**

Issued by: Hempel A/S – 47860

This Product Data Sheet supersedes those previously issued.
For explanations, definitions and scope, see "Explanatory Notes" available on 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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