

<b>Описание:</b>	HEMPACORE AQ 48860 is a one-component water-borne, chlorine free, physically drying intumescent coating for passive fire protection of structural steel against cellulosic fires. It is an environmentally friendly option with no VOC and it is suitable for in-shop and on-site applications.
<b>Препоръчителна употреба:</b>	1.As intumescent fire protection for structural steel in interior use: . With or without topcoat at very low atmospheric environments (C1 according to ISO 12944-2:1998) . With topcoat at low atmospheric environment (C1 and C2 according to ISO 12944-2:1998) Suitable for I-beams, I-columns and hollow sections. 2.As a repair and touch-up coating for damaged areas of freshly applied HEMPACORE AQ 3.Applied in up to 750 micron [30 mils] dry film thickness per coat (equivalent to 1100 microns [44 mils] wet film thickness)
<b>Работна температура:</b>	***ДА СЕ ПРЕВЕДЕ***
<b>Сертификати/одобрения:</b>	Tested and approved according to EN13381-8 and BS476-21 for up to 120 minutes fire protection. ***ДА СЕ ПРЕВЕДЕ***
<b>Наличност:</b>	Част от групов асортимент. Трябва да се провери дали се предлага на съответното място.
<b>ФИЗИЧЕСКИ КОНСТАНТИ:</b>	
№ на нюанс/цветове:	10000 / Бял
Горно покритие:	Мат
Обем твърди вещества, %:	67 ± 3
Теоретична степен на покривност:	1 m <sup>2</sup> /l [40.1 sq.ft./US gallon]
Температура на възпламеняване:	180 °C [356 °F]
Относително тегло:	1.4 кг/литър [11.9 фунта/галон (САЩ)]
Съхнене на повърхността:	16 минута/минути , 20°C/68°F и 750 микрон/30 мила
Изсушаване в дълбочина:	5 час(а) , 20°C/68°F и 750 микрон/30 мила
Изсъхване за боравене:	Вж. отделните ИНСКРУКЦИИ ЗА НАНАСЯНЕ
Съдържание на ЛОС:	0 г/л [0 фунта/галон (САЩ)] (ISO11890-2)
Срок на складово съхранение:	12 месеци , 10°C/50°F - 40°C/105°F, ***ДА СЕ ПРЕВЕДЕ***. Срокът на складово съхранение се намалява при температури над: 40°C/105°F. Не съхранявайте под следната температура: 5°C/41°F.
<i>Посочените физически константи са номинални данни според одобрените от HEMPEL Group формули.</i>	
<b>ДАНИ ЗА НАНАСЯНЕТО:</b>	
Метод на нанасяне:	Безвъздушно впръскване / Четка
Разредител (макс. об.):	Не се препоръчва.
Прорез на дюзата:	0.017 - 0.023 "
Налягане при дюзата:	200 bar [2900 пси] Вж. отделните ИНСКРУКЦИИ ЗА НАНАСЯНЕ (Посочените данни са при безвъздушно впръскване и подлежат на коригиране)
Почистване на инструменти:	Вода
Посочена дебелина на слоя, сух:	The Dry Film Thickness (DFT) is dependent on the required fire resistance as well as the massivity factor (Hp/A) of the steel element. Consult your local Hempel representative for more information.
Интервал на повторно нанасяне, мин.:	Вж. отделните ИНСКРУКЦИИ ЗА НАНАСЯНЕ
Интервал на повторно нанасяне, макс.:	Вж. отделните ИНСКРУКЦИИ ЗА НАНАСЯНЕ
<b>Безопасност:</b>	Да се борава внимателно. Преди и по време на употреба спазвайте всички указания за безопасност на опаковките и съдовете с боя, информационните листове за безопасност на HEMPEL и всички местни и национални разпоредби за безопасност.

ПОДГОТОВКА НА ПОВЪРХНОСТТА:	The product should only be applied over steel which has been blasted to Sa 2½ (ISO 8501-1) and suitably primed. Отстранете маслата, греста и т.н. изцяло с подходящ почистващ препарат. Отстранете солите и други замърсители чрез промиване с прясна вода (под високо налягане). The steel must be coated with a Hempel approved primer. ***ДА СЕ ПРЕВЕДЕ***
УСЛОВИЯ НА НАНАСЯНЕ:	При температури в диапазона: 5°C/41°F - 40°C/105°F. Относителна влажност за предпочитане под:(Вж. отделните ИНСКРУКЦИИ ЗА НАНАСЯНЕ).В ограничени пространства осигурявайте достатъчно проветряване по време на нанасянето и съхненето.
ПРЕДИШЕН СЛОЙ:	According to specification and only Hempel approved primer. Consult your Hempel technical representative for information on approved primers.
СЛЕДВАЩО ПОКРИТИЕ:	The product can be over-coated with itself when additional thickness is required. Depending on the end use of the coating system, a topcoat may be required. A selection of approved topcoats are available. Consult your Hempel technical representative for detailed working specification The product can be over-coated with itself when additional thickness is required. Depending on the end use of the coating system, a topcoat may be required. A selection of approved topcoats are available. Consult your Hempel technical representative for detailed working specification
ЗАБЕЛЕЖКИ:	
Цветове/цветова стабилност: Температури на атмосфероустойчивост/работа: Дебелини на слоя/разреждане:	The product is only available in white, but can be top coated with an approved topcoat in any colour. ***ДА СЕ ПРЕВЕДЕ*** The DFT is dependent on the required fire resistance as well as the massivity factor (Hp/A) of the steel element. Consult your local Hempel representative for more information. In order to achieve the specified fire resistance it is important that the required DFT is obtained as a minimum on all coated areas. Furthermore, the specified DFT should not be exceeded by far. Please consult the Application Instructions for more detailed information. The max.DFT that can be applied per coat is 1500 micron [60 mils] (equivalent to 2000 micron [80 mils] wet film thickness).
Storage Conditions:	Температура на съхранение: min 10°C/50°F и макс. 40°C/105°F. Не съхранявайте под следната температура: 5°C/41°F.
Бележка за повторното нанасяне:	The product can be over-coated with itself when additional thickness is required. Depending on the end use of the coating system, a topcoat may be required. A selection of approved topcoats are available. Consult your Hempel technical representative for detailed working specification The product can be over-coated with itself when additional thickness is required. Depending on the end use of the coating system, a topcoat may be required. A selection of approved topcoats are available. Consult your Hempel technical representative for detailed working specification For multi-coat application minimum recoating interval is influenced by the actual film thickness and number of coats applied. Reference is made to the drying times in the application instructions. It is important that the specified intumescent thickness has been achieved before any top coat is applied. The product can be recoated provided that the underlying coating surface is in good condition, clean, dry and free from contamination.
Nota:	<b>HEMPACORE AQ 48860 Само за професионална употреба.</b>
ИЗДАДЕН ОТ:	HEMPEL A/S
	4886010000

This Product Data Sheet supersedes those previously issued.

For explanations, definitions and scope, see "Explanatory Notes" at [www.hempel.com](http://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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Product data are subject to change without notice and become void five years from the date of issue.