

# Hempel's Proof 10

## Product characteristics

### Description

Hempel's Proof 10 is a bituminous sealing compound. Remains flexible.

### Recommended use

For caulking of wooden boats and filling of cracks below the waterline.

## Product safety

### VOC content

Legislation	Value
EU	203 g/L [1.69 lb/US gal]

According to specific legislation, see details in the Explanatory Notes available at Hempel website, [hempel.com](http://hempel.com) or at your local Hempel website.

### Handling

Handle with care. Before and during use, observe safety labels on packaging and paint containers and follow all local and national safety regulations. Always consult Hempel's Safety Data Sheet for this product along with the Product Data Sheet.

## Product data

### Product code

67853

### Standard shade / code

Black 19990

### Volume solids

46 ± 2%

### Specific gravity

1.1 kg/L [9 lb/US gal]

## Surface preparation

### Cleanliness

- Remove oil, grease and other contaminants by suitable detergent cleaning.

### New build:

- Moisture content of the wood must be below 16%.

### Maintenance and Repair

- Before applying the product, rough wood, especially old wood must be primed with specified Hempel's Primer.

## Application

### Thinner

No thinning

### Cleaner

Hempel's Thinner 808 08081

### Application method

Tool	Application parameters
Putty knife	Not Applicable.

Do not use thinner in conjunction with this product.

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## Application conditions

- To avoid condensation, apply on a clean and dry surface with a temperature that is at least 3°C [5°F] above the dew point.

## Relative Humidity:

- Relative humidity must be below 85% during drying and curing.

## Application remarks

- Fill cracks with the product using the cartridge or putty knife.
- Overcoat when dry with 2 coats of recommended Hempel's Primer.
- Overcoat with chosen antifouling.

## Drying and overcoating

### Product compatibility

- Previous coat: Recommended product is: Hempel's Underwater Primer
- Subsequent coat: Recommended product is: Hempel's Underwater Primer

### Drying time

Surface temperature		10°C [50°F]	20°C [68°F]
Touch dry	hours	6	3

Determined for dry film thickness NaN micron [NaN mils] at standard conditions, see Hempel's Explanatory Notes for details.

### Drying conditions

- To obtain the drying time stated, it is important to maintain sufficient ventilation during application, drying and curing.
- Condensation on the freshly applied coating should be avoided.

### Overcoating details

- No maximum overcoat interval, but after prolonged exposure to polluted atmosphere, remove accumulated contamination by high pressure fresh water cleaning and allow to dry before applying next coat.

### Other remarks

- The surface must be clean before overcoating.

## Storage

### Shelf life

Ambient temperature	25°C [77°F]
Product	36 months

Shelf life from date of production, when stored in original, unopened containers. Thereafter, the product quality must be re-inspected. Storage at elevated temperatures may reduce shelf life. For advice, please consult Hempel.

### Storage conditions

- Product must be stored according to local legislation, at 5°C [41°F] without direct sunlight and protected from rain and snow.

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## Additional documents

Additional information is available at the Hempel website <https://www.hempel.com/service-and-support/technical-guidelines> or at your local Hempel website:

- Explanatory Notes for Product Data Sheet.
- Application methods.
- Further information: Hempel Yacht Paint Manual and [hempelyacht.com](http://hempelyacht.com)

This Product Data Sheet ("PDS") relates to the supplied product ("Product") and is subject to updating from time-to-time. Accordingly, the buyer/applicator should have regard to the PDS supplied together with the relevant batch of the Product (and not an earlier version). In addition to the PDS, the buyer/applicator may receive some or all of the following specifications, statements and/or guidelines as listed below or as are available from the Hempel website under 'Products' at [www.hempel.com](http://www.hempel.com) (the "Additional documents"):

No.	Document description	Location/comments
1.	Technical Statement	One-off specific advice provided on request for specific projects
2.	Specification	Only issued for specific projects
3.	PDS	This document
4.	Explanatory Notes to the PDS	Available at <a href="http://www.hempel.com">www.hempel.com</a> and contain relevant information about the Product testing parameters
5.	Application Instruction	Where available, at <a href="http://www.hempel.com">www.hempel.com</a>
6.	Generic technical guidelines (e.g. on application and surface preparation)	Where available, at <a href="http://www.hempel.com">www.hempel.com</a>

In the event of a conflict of information between the PDS and the Additional documents, the order of priority of information shall be in the order as set out above. In such event you should also contact your representative at Hempel for clarification. Furthermore, the buyer/applicator must have full regard to the relevant Safety Data Sheet provided with each Product and which can also be downloaded from [www.hempel.com](http://www.hempel.com).

Hempel shall not be liable for defects where the application of the Product has not been made fully in accordance with the recommendations and requirements set out in the relevant PDS and the Additional Documents. The information and terms of this disclaimer apply to this PDS, the Additional documents and any other documents supplied by Hempel in respect of the Product. In addition, the Product is supplied and all technical assistance is given subject to Hempel's General Conditions of Sale, Delivery and Service, unless otherwise expressly agreed in writing.