

SENTIFLEX

TECHNICAL DATA SHEET

Product description

Glossy topcoat for bilge based on special resins that confer good chemical resistance, in particular to moisture penetration, lubricating oils, fuel and detergents. This nearly odourless product may be applied directly on steel, aluminium, fiberglass and wood, before preparation. Easy to apply, it can boast an excellent coverage power and distension.

Product information

| | | |
|----------------------------------|-------------------|-------------------------------|
| Finish | Glossy | |
| Colour | Grey .714 | |
| Solids (by volume) | ASTM D2369 | 50 ± 2% |
| Specific gravity | UNI EN ISO 2811-1 | 1,18 ± 1,22 g/cm ³ |
| Flash point | UNI EN ISO 13736 | 35 °C |
| VOC (calculated average content) | ISO 11890-2/2006 | 390 g/l |
| Packaging | 0,75 Lt | |

Application and use

SURFACE PREPARATION

Fiberglass: Degrease the surface to be treated with an adequate solvent or detergent. Pressure wash with fresh water and remove any trace of oil and grease. All surfaces to be painted must be clean, dry and free of contaminants. Sandpaper with P180 – P220 abrasive paper and apply the primer on the treated surface. Before applying SENTIFLEX, blow with clean and dry air to remove any sanding or dirt residual.

Wood: The moisture content of the wood must not exceed 18%. Thoroughly sandpaper with no. P80 - P120 paper. Before proceeding with the application, blow with clean and dry air to remove any sanding and dirt residual. Apply the primer with a first Adherpox coat, or with a Gel Prime coat with a 30% dilution. Apply a further coat with lower dilutions. Sandpaper with P280– P320 paper. Before proceeding with the application of SENTIFLEX, blow with fresh and dry air, in order to remove any trace of sanding and dirt.

Steel: Pressure wash with fresh water and remove any trace of oil and grease (wash with a specific solvent if necessary). All surfaces to be painted must be clean, dry and free of contaminants. Perform a mechanical cleaning treatment of grade St 3. Apply the Primer with two Adherpox coats. Sandpaper with P280– P320 paper. Clean and then proceed with the SENTIFLEX application.






Aluminium: Perform the same washing treatment as for steel. Sand down with coarse-grained discs P36 - 40. The metal must be silver-coloured, completely free of oxidation residues. Be careful not to polish the surface without exceeding it with the engraving. Before proceeding with the application of the products, blow with clean and dry air to remove any residue of sanding and dirt, apply the primer with two coats of Adherpox, clean and proceed with the application of SENTIFLEX.

Old topcoats: remove the detaching parts by scraping and sanding with P180 - P220 paper. Before applying SENTIFLEX, blow with clean, dry air to remove any residue of sanding and dirt.

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Application data

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| Thinner/ Tool cleaning |  | 6470 - Roller/Brush(5% max) 6470 - - Conventional spray: (5% max) |
| Application methods |  | Conventional Pressure 3,5 bar Nozzle 1,7 – 2 mm |
| |  | Airless Pressure 150 bar Nozzle 0.3 – 0.6 mm Angular opening : 65° - 80° |
| |   | |
| Dry film thickness per coat | Standard application range | 40 – 50 µm |
| | Recommended | 50 µm |
| Wet film thickness per coat | Standard application range | 80 – 100 µm |
| | Recommended | 100 µm |
| Theoretical coverage | 50 µm | 10 m ² /l |
| Recommended primers | Adherpox – Fibrodur – Gel Prime | |

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Drying time

| Temperature °C | | 10 | | 15 | | 20 | | 30 | |
|----------------|--|---------|--------|---------|------|--------|------|--------|------|
| | | Min | Max | Min | Max | Min | Max | Min | Max |
| Coverage |  | 30 h | 7 days | 24 h | 48 h | 24 h | 48 h | 12 h | 48 h |
| Sanding |  | 48 h | | 48 h | | 24 h | | 24 h | |
| Full curing |  | 15 days | | 10 days | | 7 days | | 7 days | |

N.B. *The drying times and the overcoating intervals increase with higher thickness of the applied film. Always check that the existing painting film is perfectly dry before applying a further product coat.*

CONDITIONS DURING THE APPLICATION

In order to avoid the formation of condensation, the surface temperature should be at least 3°C above dew point. During application and curing, the min. ambient temperature must not be lower than 10° C or higher than 30° C, substrate temperature must not be lower than 5° C since the curing is remarkably reduced at lower temperatures.

Application is not advisable when the relative humidity exceeds 80%. The term-hygrometric survey should be carried out near the surface to be coated. Make sure there is enough ventilation when the application takes place in closed areas.

Storage

It is recommended to avoid the exposure to air and extreme temperatures. To maximise the shelf life in the can, it is worth checking that the container is well closed during the storage and that the temperature is between 10°C and 35°C. Avoid exposure to direct sunlight.

Safety rules

Observe the provisions of DPR 303 and 547. Avoid contact with the skin, for example. Operate in well ventilated places and, if in closed areas, use vacuum cleaners, fans and air conveyors. During the application, use appropriate protections (masks, gloves, glasses, etc.). Before using, read sections 7-8 of the SDS.

INSTRUCTIONS FOR THE DISPOSAL OF PRODUCTS AND PACKAGING

Empty packaging that contained products: Dispose of empty packaging according to the requirements of the waste disposal law, for example by taking them to the recycling centre.

Packages containing the unused products: Dispose of the unused product in accordance with the law of disposal of such waste, by taking it to a recycling centre, recycling of packaging is prohibited in this case. Do not empty into drains or water courses. Product packaging must be kept indoor and the temperature in the storage place must be between 10° C and 35° C. Do not expose to sunlight.

Notes

The values indicated in the present technical sheet can have slight variations from one batch to another. The applied product must not come in contact with water, chemicals or subjected to mechanical stress before the curing is complete. All wet film thicknesses refer to a product which is not diluted. With dilution, this value will rise. The above information is the result of accurate laboratory tests and practical experience; however, since the product is predominantly used outside the manufacturer's control, Boero Bartolomeo S.p.A can only guarantee its quality. The information contained in this sheet may be subjected to revision by the Company. For clarification, updates or further information, it is recommended to contact Boero Bartolomeo S.p.A directly. The present datasheet annuls and replaces every other precedent to this one.