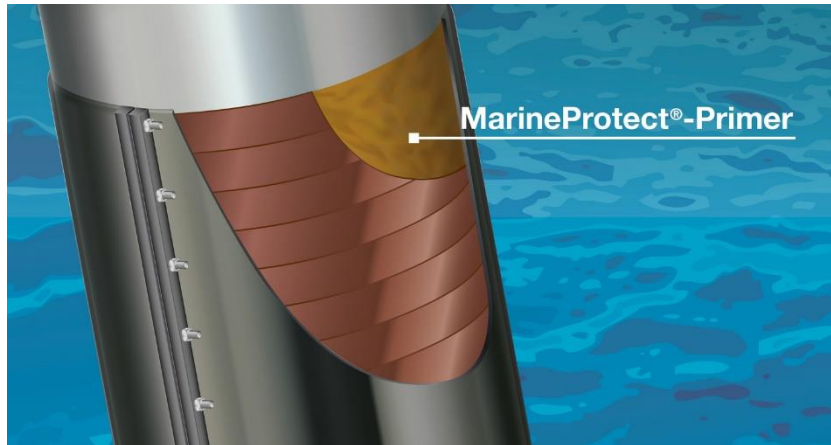


# MarineProtect®-Primer

## Product information



### Special advantages:

- ✓ Simple and fast application.
- ✓ Environmentally safe.
- ✓ No drying time.
- ✓ Application under water possible.

## Primer mastic for the protection of metal, concrete and wooden piles and underwater pipes.

For a century now, DENSO Group Germany has been representing experience, quality and reliability for corrosion prevention and sealing technology. The success of the internationally leading corporation is based on the development of the "DENSO-Tape", which was already patented in 1927 as the first product worldwide for the passive corrosion prevention of pipelines. Since then, the DENSO Group Germany has been establishing and guaranteeing the highest quality standards with technically trend-setting products. Research, development and production take place exclusively in Germany. Our employees continuously implement safe and individual solutions in a personal cooperation with the customer.

## Description

**MarineProtect®-Primer** represents the basic corrosion and weathering prevention in the systems **MarineProtect®-100** and **MarineProtect®-2000 FD** for the corrosion and weather prevention of piles or pipes in water and in the splash water area. MarineProtect®-Primer is a versatile system that can easily be applied to piles made from **metal, concrete and wood** and pipelines laid under water.

The MarineProtect®-Primer is based on a **natural wax** and permits a good moistening of the steel surface even under the water surface. By spreading the primer, the water is displaced from the steel surface and a moisture barrier is created, which prevents a continuation of the steel corrosion.

MarineProtect®-Primer only needs little surface preparation and therefore permits a fast and economic coating. After the

application of MarineProtect®-Primer, the surface is prepared for the wrapping with **MarineProtect®-Tape**. Indentations and irregularities can be filled and closed with the MarineProtect®-Primer. The MarineProtect®-Primer is outstandingly qualified for the coating of new as well as for the rehabilitation of existing constructions.

## Processing

Before the application of **MarineProtect®-Primer**, the surface of the pile must be cleaned of rust and all loose attachments and non-adhesive residues of previous paintings and coatings as well as from organic vegetation.

We recommend the use of water blasting or sandblasting to achieve the best possible coating quality.

After the cleaning of the surface, the coating with **MarineProtect®-Primer** should be started immediately to

prevent a renewed generation of rust or organic vegetation.

**MarineProtect®-Primer** can be processed manually or by using a palette-knife or a similar tool. The entire surface of the pile should be covered with a thin layer. The area consumption of **MarineProtect®-Primer** is approximately 350 g/m<sup>2</sup>.

After coating with **MarineProtect®-Primer**, the surface is no longer in direct contact with water and it is prepared for the additional coating

with **MarineProtect®-Tape** and **MarineProtect®-Jacket**.

**MarineProtect®-Primer**, **-Tape** and **-Jacket** together create a permanent and durable corrosion prevention system even under severe conditions of waves, strong winds and UV light.

Additional information is included in the processing recommendations of **MarineProtect®-100** and **MarineProtect®-2000 FD**, available under [www.denso-group.com](http://www.denso-group.com)

## Typical product properties

Property	Unit	Typical value	Test method
Density	g/cm <sup>3</sup>	ca. 0,90	ISO 2811
Dripping point	°C (°F)	≥+100 (≥+210)	DIN 51801
Area consumption	kg/m <sup>2</sup>	ca. 0,35	
Operating temperature	°C (°F)	-40 bis +70 (-40 bis +158)	

## Ordering information and packaging

**MarineProtect®-Primer**: 10 kg bucket

## Storage

When stored in its original, unopened packaging, **MarineProtect®-Primer** can be stored for at least 60 months after the manufacturing date.

Storage temperature: ≤ +40°C (+104°F)

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