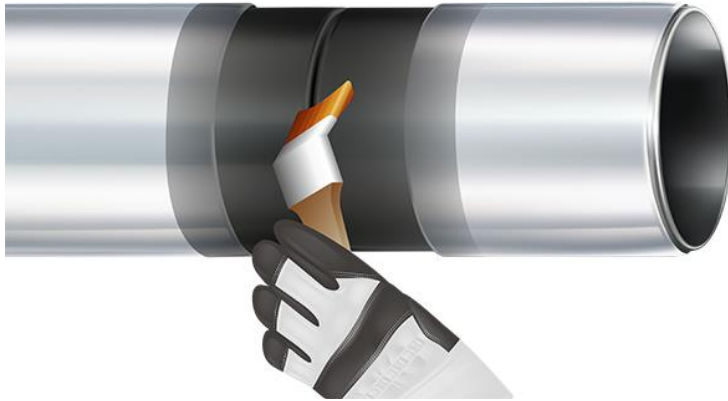


DENSOLEN®-HT, -HT25, -MT25 Primer



Product information



Special advantages:

- ✓ Perfectly adapted to DENSOLEN® tapes and tape systems.
- ✓ Outstanding resistance against cathodic disbondment.
- ✓ For steel and other metal surfaces.
- ✓ Dries fast and is easy to apply.
- ✓ Compatible with factory coatings made of PE, PP, FBE, PU, CTE and bitumen.
- ✓ For application with roller or brush.

Solvent based primer for DENSOLEN® tapes and tape systems.

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

DENSOLEN®-HT/-MT Primer is an integral part of all **DENSOLEN®** tape systems and is applied as prime coat before the wrapping of the **DENSOLEN®** tapes on the metal surface and adjacent factory coatings.

DENSOLEN®-HT/-MT Primer is based on naphtha (petroleum spirit) and it includes butyl rubber as well as resins for an optimal adhesive connection between the **DENSOLEN®** tapes and the pipe surface.

DENSOLEN®-HT/-MT Primer is available on the basis of two solvents with different volatilization ranges. This means that optimal processing conditions are achieved

for cold (e.g., **DENSOLEN®-HT Primer** as well as warm (e.g. **DENSOLEN®-MT25 Primer**) climatic conditions.

DENSOLEN®-HT/-MT Primer provide a high yield. A thin covering coating is adequate. The areal coverage is app. 0.2 liter per m².

DENSOLEN®-HT/-MT Primer improves the peel strength of **DENSOLEN®** tape systems on the metal surface as well as on the factory coating and therefore supports the permanent corrosion protection.

The surface must be cleaned (surface cleanliness ST2 or SA 2.5 in accordance with ISO 8501-1) before

DENSOLEN®-HT/-MT Primer is applied.

It is recommended to repeat the prime coat at the latest after 6 hours if the application of a **DENSOLEN®** tape system cannot be started immediately after the drying of the primer.

DENSOLEN®-HT/-MT Primer can be processed with a brush or a painter's roller.

The prime coat must be dry before the application of the **DENSOLEN®** tapes. The drying time is approximately 5 to 25 minutes depending on the primer type, the ambient temperature, the air movement and the moisture.

Typical product properties

Property	Unit	Typical values			Test method	
		HT	HT25	MT25		
Solvents	-	Petroleum spirit	Petroleum spirit	Petroleum spirit	-	
Density	+23°C/ +73.4°F	g/cm ³	0.79	0.78	0.80	DIN 51757
Solids content		wt%	30	24	≥24	ISO 1515
Aromatics content		wt%	<0.0005	<0.0005	<0.01	-
Drying time for manual application ¹⁾		min (app.)	5 to 10	5 to 10	20 to 25	-
Maximum waiting time for the DENSOLEN [®] tape application		h	<8	<8	<8	-
Consumption		l/m ²	0.2	0.2	0.2	-
Operating temperature ²⁾		°C (°F)	-60 to +100 (-76 to +212)	-60 to +100 (-76 to +212)	-60 to +100 (-76 to +212)	-

¹⁾ Depending on the temperature, humidity, air movement and surface temperature of the pipe.

²⁾ Depending on the **DENSOLEN**[®] tape system used.

Processing temperature

Environment	-40°C to +60°C (-40°F to +140°F)
Pipe surface	min. +3°C (+5.4°F) above the dew point max. +85°C (+185°F)

Ordering information and packaging

Packaging	Content (l)	Gross weight (kg)
4 cans per box	1	0.92
Metal bucket	5	4.70
Metal bucket	10	8.70
Barrel	180	168

Storage

When stored in its original unopened packaging, **DENSOLEN**[®]-HT/ -MT Primer can be stored for at least 60 months after the manufacturing date.

Storage temperature: -10°C (+14°F) to +50°C (+122°F).

Store upright in a dry location.

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