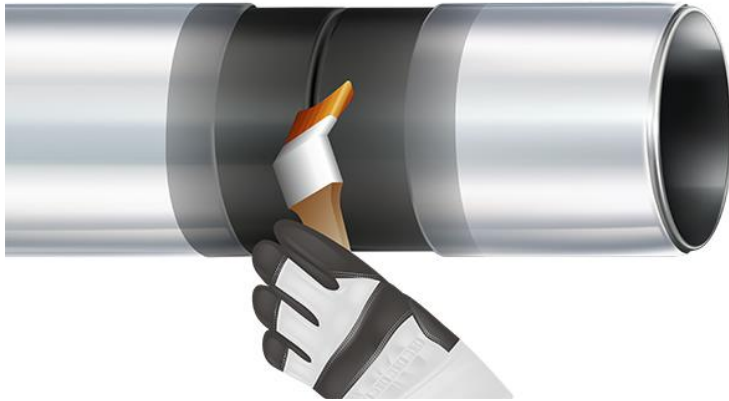# BUTYLEN-HT, -HT25, -MT25 Primer

Product information

Special advantages:

✓ Perfectly adapted to BUTYLEN 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 BUTYLEN tapes and tape systems.

DEKOTEC GmbH stands for experience, quality and reliability in the field of corrosion prevention and sealing technology. The success is based on the development of the Petrolatum-Tape which was already developed in 1927 as the first product worldwide for passive corrosion prevention of pipelines. We establish and guarantee the highest quality standards with technically trend-setting products. Research, development and production take place exclusively in Germany. Our employees are continuously implementing safe and individual solutions in a personal cooperation with the customer.

Description

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

BUTYLEN-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 **BUTYLEN** tapes and the pipe surface.

BUTYLEN-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., **BUTYLEN-HT Primer** as well

as warm (e.g. **BUTYLEN-MT25 Primer**) climatic conditions.

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

BUTYLEN- HT/-MT Primer improves the peel strength of **BUTYLEN** 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 **BUTYLEN**-**HT/-MT Primer** is applied.

It is recommended to repeat the prime coat at the latest after 8 hours if the application of a **BUTYLEN** tape system cannot be started immediately after the drying of the primer.

BUTYLEN-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 **BUTYLEN** 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/cm³	0.79	0.78	0.80	DIN 51757
Solids content	wt%	30	24	23	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 **BUTYLEN** tape application	h	<8	<8	<8	-
Consumption	l/m²	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)	-

Note: the Density row's "+23°C/ +73.4°F" appears in a sub-label under the Property column.

[1] Depending on the temperature, humidity, air movement and surface temperature of the pipe.
[2] Depending on the **BUTYLEN** 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, **BUTYLEN-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.