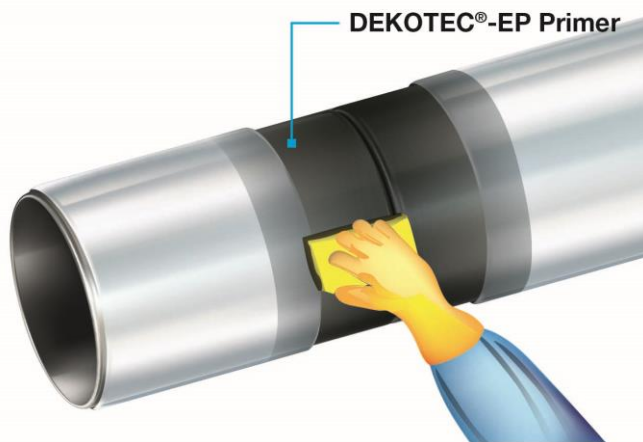


# DEKOTEC®-EP Primer



## Product information



### Special advantages:

- ✓ Outstanding resistance against cathodic disbondment.
- ✓ For steel and other metal surfaces.
- ✓ Dries fast and is easily processed.
- ✓ For manual and machine application.
- ✓ Compatible with factory coatings made of PE, PP, FBE, PU, CTE and bitumen.

## Two component epoxy resin primer for three-layer DEKOTEC®-HTS heat shrinkable sleeve 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

**DEKOTEC®-EP Primer** is an epoxy resin primer for **DEKOTEC®** heat shrinkable sleeve systems. An outstanding three-layer corrosion prevention coating, which fulfills all requirements of the stress class C in accordance with EN 12068, is achieved in combination with **DEKOTEC®-HTS** heat shrinkable sleeve.

**DEKOTEC®-EP Primer** increases the safety and durability of the corrosion prevention coating. **DEKOTEC®-EP Primer** has a very high resistance against cathodic disbondment.

The pipe surface is prepared optimally for the application of the **DEKOTEC®-HTS** heat shrinkable sleeve by the heating for the

hardening of the **DEKOTEC®-EP Primer**.

**DEKOTEC®-EP Primer** is available in different package sizes, which means that a practical and economic size is available depending on the requirements of the project.

## Typical product properties

Property	Unit	Typical value
Type	-	Two components, solvent-free
Color	-	Black
Recommended minimum layer thickness	µm	30
Density (comp. A/comp. B/mixture)	g / cm <sup>3</sup>	1.32 / 1.00 / 1.21
Mixing ratio (according to weight/according to volume)	-	132:50 / 100:50
Pot life (+23°C / +73.4°F)	min	app. 20
Preheating temperature of the steel surface	°C (°F)	+50 (+122)
Maximum permissible operating temperature	°C (°F)	+130 (+266)
Theoretical consumption for 100 µm DFT	kg / m <sup>2</sup>	0.121
Saponification number	mg (KOH)/g	<2

## Typical consumption

Nominal pipe size		Theoretical consumption per welding seam					
DN		Volume [ml]			Weight [g]		
[Inch]	[mm]	Comp. A	Comp. B	Mixture (A+B)	Comp. A	Comp. B	Mixture (A+B)
3"	75	32	16	<b>48</b>	42.2	16.0	<b>58.2</b>
4"	100	35	17.5	<b>52.5</b>	46.2	17.5	<b>63.7</b>
5"	125	38	19	<b>57</b>	50.2	19.0	<b>69.2</b>
6"	150	43	21.5	<b>64.5</b>	56.8	21.5	<b>78.3</b>
8"	200	50	25	<b>75</b>	66.0	25.0	<b>91.0</b>
10"	250	58	29	<b>87</b>	76.6	29.0	<b>105.6</b>
12"	300	65	32.5	<b>97.5</b>	85.8	32.5	<b>118.3</b>
14"	350	70	35	<b>105</b>	92.4	35.0	<b>127.4</b>
16"	400	76	38	<b>114</b>	100.3	38.0	<b>138.3</b>
18"	450	84	42	<b>126</b>	110.9	42.0	<b>152.9</b>
20"	500	91	45.5	<b>136.5</b>	120.1	45.5	<b>165.6</b>
22"	550	98	49	<b>147</b>	129.4	49.0	<b>178.4</b>
24"	600	105	52.5	<b>157.5</b>	138.6	52.5	<b>191.1</b>
26"	650	112	56	<b>168</b>	147.8	56.0	<b>203.8</b>
28"	700	120	60	<b>180</b>	158.4	60.0	<b>218.4</b>
30"	750	127	63.5	<b>190.5</b>	167.6	63.5	<b>231.1</b>
32"	800	134	67	<b>201</b>	176.9	67.0	<b>243.9</b>
34"	850	141	70.5	<b>211.5</b>	186.1	70.5	<b>256.6</b>
36"	900	149	74.5	<b>223.5</b>	196.7	74.5	<b>271.2</b>
40"	1000	163	81.5	<b>244.5</b>	215.2	81.5	<b>296.7</b>
48"	1200	192	96	<b>288</b>	253.4	96.0	<b>349.4</b>
56"	1400	220	110	<b>330</b>	290.4	110.0	<b>400.4</b>
64"	1600	248	124	<b>372</b>	327.4	124.0	<b>451.4</b>
72"	1800	277	138.5	<b>415.5</b>	365.6	138.5	<b>504.1</b>

The listed volumes represent non-binding information. The values are calculated on the consumption of 150 ml per m<sup>2</sup> surface as well as an additional loss of volume per welding seam. The actual consumption of the volumes listed here can deviate based on different processing types and due to the pot life.

## Ordering information and packaging

### DEKOTEC®-EP Primer *small package*

It consists of:

- Component A (1.3 kg)
- Component B (0.5 kg)
- 6 sponges
- 6 stirring staffs
- 6 pairs of gloves
- 6 mixing cups with ml-scale

### DEKOTEC®-EP Primer

*Bulk ware*

- Component A: Hobbock 16 kg each
- Component B: Hobbock 12 kg each
- Dosage pompe
- Application set: Application sponge, mixing, stirring staff, gloves

## Storage

DEKOTEC®-EP Primer can be stored for at least 24 months after the production date in its original package and by adhering to the storage conditions.

Storage temperature: +5 °C to +30°C (+41 °F to +86°F)

Store upright in a dry location.

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