

# System 1

Structural steel and exteriors of equipment, vessels piping and valves (uninsulated)



## System 1: Operating temperature below 120°C/248°F

Pre-qualification is required

Zinc silicate

Product	DFT (µm)
Hempel's Galvosil 15700	60
Hempaprime Multi 500 <sup>2</sup>	Mist coat
Hempaprime Multi 500 <sup>2</sup>	160
Hempathane HS 55610	60
<b>Total</b>	<b>280</b>

Product	DFT (µm)
Hempel's Galvosil 15680	60
Hempaprime Multi 500 <sup>2</sup>	Mist coat
Hempaprime Multi 500 <sup>2</sup>	160
Hempathane HS 55610	60
<b>Total</b>	<b>280</b>

Product	DFT (µm)
Hempel's Galvosil 15700	60
Hempadur Quattro XO 17870	Mist coat
Hempadur Quattro XO 17870	160
Hempel's Pro Acrylic 55883	60
<b>Total</b>	<b>280</b>

Note 1: An optional mist coat (tie-coat) may be specified to avoid popping. Typically, 25 µm of the specified epoxy (diluted, mist coat technique) can be used. Contact your Hempel representative for further details. This note applies to all of the above systems.

Note 2: Both summer and winter versions of Hempaprime Multi 500 are pre-qualified.

## NORSOK M-501 coating systems

### Zinc epoxy

Product	DFT (µm)
Hempadur Avantguard 750	60
Hempaprime Multi 500 <sup>2</sup>	160
Hempel's Pro Acrylic 55883	60
<b>Total</b>	<b>280</b>

Product	DFT (µm)
Hempadur Avantguard 750	60
Hempaprime Multi 500 Summer	160
Hempathane HS 55610	60
<b>Total</b>	<b>280</b>

Product	DFT (µm)
Hempadur Avantguard 770	60
Hempaprime Multi 500 Summer	160
Hempathane Speed-Dry Topcoat 250	60
<b>Total</b>	<b>280</b>

Product	DFT (µm)
Hempadur Avantguard 750	60
Hempadur Quattro XO 17870	160
Hempel's Pro Acrylic 55883	60
<b>Total</b>	<b>280</b>

Product	DFT (µm)
Hempadur Avantguard 770	60
Hempadur Quattro XO 17870	160
Hempel's Pro Acrylic 55883	60
<b>Total</b>	<b>280</b>

Product	DFT (µm)
Hempadur Avantguard 770	60
Hempadur 47300	160
Hempathane HS 55610	60
<b>Total</b>	<b>280</b>

Product	DFT (µm)
Hempadur Avantguard 860	60
Hempadur Quattro XO 17870	160
Hempathane HS 55610	60
<b>Total</b>	<b>280</b>

Product	DFT (µm)
Hempadur Avantguard 750	60
Hempaprime Multi 500 Winter	160
Hempathane Speed-Dry Topcoat 250	60
<b>Total</b>	<b>280</b>

Product	DFT (µm)
Hempadur Avantguard 770	60
Hempaprime Multi 500 Winter	160
Hempathane HS 55610	60
<b>Total</b>	<b>280</b>

Product	DFT (µm)
Hempadur Avantguard 750	60
Hempadur 4774D	160
Hempathane HS 55610	60
<b>Total</b>	<b>280</b>

Product	DFT (µm)
Hempadur Avantguard 750	60
Hempadur 47300	160
Hempathane HS 55610	60
<b>Total</b>	<b>280</b>

Product	DFT (µm)
Hempadur Avantguard 770	60
Hempadur 4774D	160
Hempathane HS 55610	60
<b>Total</b>	<b>280</b>

Product	DFT (µm)
Hempadur Avantguard 860	60
Hempaprime Multi 500 <sup>2</sup>	160
Hempathane HS 55610	60
<b>Total</b>	<b>280</b>

Product	DFT (µm)
Hempadur Avantguard 860	60
Hempadur Quattro XO 17820	160
Hempathane HS 55610	60
<b>Total</b>	<b>280</b>

Note 1: Subject to owner approval, a pre-qualified topcoat may be substituted for another topcoat if the topcoat thickness and the intermediates remain the same. The topcoat listed is the one tested. Commonly used topcoats, which may be substituted include:

- Hempaxane Light 55030
- Hempathane HS 55610
- Hempathane 55210
- Hempel's Pro Acrylic 55883
- Hempathane Speed-Dry Topcoat 250

This note applies to all of the above systems.

Note 2: Both summer and winter versions of Hempaprime Multi 500 are pre-qualified.

Note 3: Avantguard® is a registered trademark of Hempel A/S.

For advice on regional product availability and additional schemes, please contact your local Hempel representative or email [protective@hempel.com](mailto:protective@hempel.com)

#### Hempel A/S

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