

Certificate Z-1830 (EN)



This certificate provides information regarding compatibility of a primer or primer system for the use with HENSOTHERM® fire protection coatings. It is not possible to classify fire protection coatings in combination with corrosion protection systems according to DIN EN ISO 12944-5.

The primer / primer system mentioned below from company
Dr. Demuth Derisol Lackfarben GmbH, Hillerser Straße 8, 37154 Northeim

2K Deripox Grund 60 HS	Nominal Dry Film Thickness NDFT [μm]	Max. Dry Film Thickness [μm]
	60	80
The above mentioned dry film thickness (DFT) of the corrosion protection system must be considered and must be kept. The above mentioned DFT does not consider the correction factor for rough surfaces in accordance to ISO 19840. The nominal DFT (NDFT) should not be exceeded as mentioned in EN ISO 12944-7.		

could be used with the following HENSOTHERM® fire protection coatings in accordance to EN 13501-1 and BS 476 p. 20/21:

HENSOTHERM® 310 KS indoor	yes
HENSOTHERM® 310 KS outdoor	yes
HENSOTHERM® 410 KS	yes
HENSOTHERM® 421 KS	yes

After the complete drying of the coating system the adhesion, the compatibility as well as the behaviour in case of fire were examined.

The drying time of the primer in the nominal dry film thickness (NDFT) mentioned above must be at least **24 hours** before the application of the HENSOTHERM® fire protection coating.

Primer / primer systems with low VOC contents could achieve very hard surfaces normally after only **5 – 7 days**. To ensure a good adhesion of the HENSOTHERM® fire protection coating to the primer surface, the surface must be sanded thoroughly with coarse abrasive paper after the drying time is exceeding **5 days**. The application rate of the HENSOTHERM® fire protection coating must not exceed 500 g/m² in the first layer. All information given in the actual technical data sheets must be considered during the application of the products.

The primer / primer system tested above is only suitable for the use on steel surfaces prepared by abrasive blasting to Sa 2½ in accordance to ISO 8501-1:2007. It is not allowed to use the primer / primer system on galvanised steel surfaces.

Previously issued certificates will be substituted by this certificate and will not be valid anymore. The validity of this certificate is 3 years and will end on 08.03.2029.

This certificate of suitability was created on the basis of the sample material available to us with batch dated 03/2013 and relates exclusively to the primer / primer system mentioned. Changes to the composition compared to the tested sample material must be reported to Rudolf Hensel GmbH. In the event of changes to the product, this certificate loses its validity with immediate effect.

Börnsen, 09.03.2026

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