

Certificate Z-1833 (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-Hydropox Protec ZP	Nominal Dry Film Thickness NDFT [μm]	Max. Dry Film Thickness [μm]
	60	120
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	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.

The drying time of the primer can be up to **14 days** (with or without direct natural weathering but without permanently ponding water) before the application of the HENSOTHERM® fire protection coating. Any degraded surface products or surface contaminations must be removed carefully before the application of the HENSOTHERM® fire protection coating. In case of outdoor use and/or high humidity they have to be removed completely by sweep-blasting.

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 number 234355 (base) und hardener dated 20.10.2023 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

ppa. Anja Peter

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