

# Certificate Z-1578 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 & Co. KG, Hillerser Straße 8, 37154 Northeim

DC Shopprimer HYDRO OptiBase	Nominal Dry Film Thickness NDFT [µm]	Max. Dry Film Thickness [µm]
	40	60

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

HENSOTHERM® 310 KS	yes
HENSOTHERM® 310 KS rapid	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 Shopprimer before the application of the corrosion protection HENSOGROUND 1K AK in the nominal dry film thickness (NDFT) mentioned above must be at least **24 hours**.

The drying time of the Shopprimer can be up to **3 months** (with or without direct natural weathering but without permanently standing water). As only a temporary corrosion protection can be achieved by using the Shopprimer, the primer HENSOGROUND 1K AK must be applied with a dry film thickness of 60 µm before applying the HENSOTHERM® fire protection coatings. Before the application any degraded surface products must be removed carefully.

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. It is not suitable for galvanised steel surfaces.**

This certificate refers solely to the corrosion protection products mentioned and to the samples provided us for testing.

**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 01.02.2026.**

Börnsen, 11.05.2023

ppa. Till Waterstradt

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