Renitherm® Primer AK 2

AK-Zinc Phosphate Primer, grey

1. **General**
   One-pack alkyd resin based primer. Fast drying and anti-corrosive. Chromate and lead free. Universally applicable.

2. **Field of Applications**
   Renitherm® Primer AK 2 is especially designed for the renitherm fire protective system on steel. Can be used as shop primer (suitable for flame cutting and weldable), as normal primer at 40 µm DFT or high build primer at 80 µm DFT.

3. **Technical Data**

Base	Alkyd resin, solvent containing
Density	1,4 g/cm³
Solids content	49% by volume, 67% by weight
Coverage	0,06 kg / m² at 20 µm DFT (15 % thinned)
	0,12 kg / m² at 40 µm DFT (5 % thinned)
	0,24 kg / m² at 80 µm DFT (unthinned)

4. **Application**

Surface preparation	shotblasting to Sa 2 ½	
Application temperature	> +5°C	
Humidity	80 % RH	
Material preparation	Stir thoroughly. Thinner should be added acc. to the requirements as follows:	
	brushing/rolling	at 40 – 80 µm up to 5% Renitherm Thinner
	Air spraying	at 20 µm 10 – 20% Renitherm Thinner
	Airless spraying	at 20 µm 10 – 20% Renitherm Thinner at 40 – 80 µm up to 5% Renitherm Thinner
Drying time	touch dry	10 minutes at 20 µm 20 minutes at 40 µm
	overcoatable	1-2 hours at 40 µm 8 hours at 80 µm

5. **Packaging**
   Renitherm® Primer AK 2 comes in steel drums of 28 kg net, colour grey.

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