

# TECHNICAL DATA SHEET

## QUAKERCOAT® 135

### WATER BASED AIR DRYING, PERMANENT PROTECTIVE PRIMER

QUAKERCOAT® 135 is a water based, air drying, permanent protective coating.

QUAKERCOAT® 135 has a low VOC compliant with the European Directive 2004/42/CE limiting volatile solvent contents in paints and varnishes.

#### Applications

QUAKERCOAT® 135 is intended for use as a corrosion inhibiting coating on metal tube and pipe surfaces.

#### Typical Physical Properties

PROPERTY	TYPICAL VALUE	UNIT
Appearance	Milky white liquid	[-]
Density	1031	[kg/m <sup>3</sup> , 25 °C]
Flash point	N.A., boils at 100°C	[°C], closed cup
Viscosity	70-80	seconds, FordCup 4, 25 °C
VOC (Calculated)	18,7	[g/l]
Solids %	37,9	[% weight]
pH	7,5	[-]

These characteristics are typical of current production and can't be used as a specification.

#### Benefits

- Low VOC
- Excellent corrosion protection
- High early water resistance
- Clear coating with medium gloss
- Fast drying
- No sagging defects up to 50+ microns applied

#### Typical Dry Film Properties

PROPERTY	TYPICAL VALUE	UNIT
Coverage at 35 µm	10,165714286	[m <sup>2</sup> /l]
Dry Time (minutes)	10-15 mn, RT	[minutes]
Corrosion resistance-Salt spray	200 h	hours, DIN 50 021 SS on Q-panels, below 5% rust.
Gloss	Medium high	[-]
Color	Colourless	[-]
Recommended dry film thickness	30-40	µm



## Recommendation for use

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The following directions and recommendations are intended to serve as a guide and may require modifications to meet local needs.

- » **THINNING:** use as received. No thinning is necessary. If conditions warrant thinning of QUAKERCOAT® 135, use soft water.
  - » **MATERIALS:** QUAKERCOAT® 135 is designed for coating of steel.
  - » **SURFACE PREPARATION:** the intended substrate must be clean and dry to accept the protective coating properly. Loose debris, dust, or other contamination may degrade product effectiveness and performance.
  - » **APPLICATION:** For spray applications. Clean equipment with water. Use with adequate ventilation. Consult Material Safety Data Sheet for handling and safety information. **DO NOT APPLY AT TEMPERATURES BELOW 6°C.** Do not apply when rain can be expected within 4 hours (if parts will be exposed to environment).
  - » **DRYING:** Air dry time will vary depending on the temperature, humidity and wet film thickness. Dry time may be substantially reduced by increasing airflow and temperature across sprayed items.
- By induction heating, recommended temperature is 40°C, maximum is 50°C.

## Health, Safety and Handling

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Please consult the Safety Data Sheet (SDS) for information on storage, safe handling and disposal. The conditions or methods of handling, storage, use and disposal of the product are beyond our reasonable control - we assume no liability for any ineffectiveness of the product or any injury or damage, arising out of or in connection with these conditions.

All reasonable care has been taken to ensure this publication is accurate upon issue. Such information may be affected by changes subsequent to issue. This Technical Data Sheet is to be used solely for this product. Prior to any use, consult the Safety Data Sheet (SDS) for information on hazard risks and product use parameters. All liability and all warranties express or implied are hereby excluded as to product performance results, the accuracy of these data including any warranty of merchantability or fitness for any purpose.  
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