

Technical Data Sheet

Solutions for Industrial

80 868 - Thinning Medium

- Application:** 80 868 can be used as a thinner for all water-soluble media. Due to the fact that it can be mixed with thinners 80 890 and 80 8032 any evaporation speed required can be achieved. As thinners 80 868, 80 890 and 80 8032 are very fluid, only minimal quantities are needed to thin pastes. This means that the color pastes retain their quality and covering power. 80 868 can also be used to thin water-soluble Ferro conductive silver pastes.
- Printing properties:** Screen printing:
For the dilution of our master batch pastes we recommend an additional volume of approx.
1 - 4 % , depends of the machines and the production conditions.
Roller coating:
For the dilution of our master batch pastes we recommend an additional volume of approx.
5 - 10 % , depends of the machines and the production conditions.
We recommend a working viscosity of 90 - 110 s.
(measured with a 6 mm DIN Flowcup, at room temperature)
- Storage:** 80 868 should be stored in the drums in which it was originally supplied by FERRO in a dry place at room temperature (15-25°C). Always seal opened drums carefully as the composition of the product changes when solvents evaporate from open drums.
On observance of these storage recommendations we guarantee a minimum shelf-life of 2 years in unopened original drums.
- Environment:** Waste material treatment, environmental health and safety protection has to follow the local regulations and legislation.

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Processing	only thinner
Appearance	clear, transparent liquid
Composition	glycol ether
Viscosity at 23°C [mPa*s]	at 50 1/s ; at 200 1/s
Consistency	flowing
Density in g/cm³ (at 20 °C)	0,96
Non-Volatile parts [%] (nvp)	0
Flash point [°C] (DIN 53213)	101
Field of application	glass
Drying	by means of solvent evaporation
Drying Speed	slow
Miscibility	80 840, 80 858, 80 890, 80 1022, 80 1026 and 80 8032
Recommended working temp. [°C]	20 - 25
Recommended rel. humidity [%]	55 - 60
Thinner	- -
Cleaner	water, white spirit
Alternative Product	80 890, 80 8032

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