

Carbaflo® DL 500 W

Water based perfluorinated AF-Coating

Product description

CARBAFLO® DL 500 W is an air drying, water based, bonded AF - Coating, which has been specially developed for the automotive industry.

CARBAFLO® DL 500 W works as a clear, durable slide film between vehicle interior parts and eliminates unwanted Squeak & creak noises, originated from the joints of this parts.

Das Product is suitable for the application on:

- **PLASTICS & ELASTOMERS**
- **METAL & BIW**
- **LEATHER & SYNTHETIC**
- **GLASS**



Ingredients

CARBAFLO® DL 500 W is a water based, organic bonded perfluorinated AF-Coating.



Advantage

- **Very low coefficient of static and dynamic friction for excellent "ANTI - SQUEAK" performance**
- **Fast drying**
- **Extremely durable and abrasion resistant**
- **Wide operating temperature range (-180°C up to +250°C)**
- **Water based, no solvents**
- **No flash point**
- **superior adhesion**
- **Environmental - and user friendly**

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Typical application include:

- DOOR PANELS
- FASCIA & TRIM
- CONSOLES
- INSTRUMENT PANELS
- GLOVE BOXES
- SEATINGS



Application methods

CARBAFLO® DL 500 W may be applied to any clean substrate by spraying, wiping, dipping or brushing an even film. An extensive range of manual application aids and fully automated systems is available.

Typical properties

TEST	SPECIFICATION	RESULT
Appearance		fluid
colour		matt, colourless
Specific gravity (20°C)	IP 365 / 85	1,05 g/cm ³
Binder		organic
Carrier fluid		Water
Useful temperature range		-180°C up to +250°C
Flash point		none
Drying time @ 20°C		20 - 45 minutes
Viscosity	DIN 53211	36 1/s
Friction coefficient static		0,06 µ
Friction coefficient dynamic		0,05 µ
Coating thickness		Approx 3 - 5 µ
Shelf life (in closed original container / room temperature)		12 months