ADDITOL® VXL 4950 BOND

Technical Datasheet

This product was previously marketed as **ADDITOL® VXL 4950**. All specifications, formulations, and performance characteristics remain unchanged.

TYPE

Adhesion promoting primer for plastics

FORM OF DELIVERY (f.o.d.)

Active substance

approx. 43 %

PRODUCT DATA

Determined per batch:

Colour / Appearance VLN 250		
colour		red-brown
appearance		clear
Dynamic Viscosity DIN EN ISO 3219		
dynamic viscosity (25 1/s; 23 °C)	[mPa.s]	130 - 750

Not continually determined:

Density (Liquids) DIN EN ISO 2811-2		
density approx. (20 °C)	[g/cm³]	0,95
Flash Point DIN EN ISO 1523		
flash point approx.	[°C]	28

SPECIAL PROPERTIES AND USE

Without special pre-treatment of plastic materials such as polyethylene, polypropylene and polyamide (e.g. corona discharge, roughening, flame or chromic acid treatment) good adhesion of coatings can be obtained after applying a thin adhesion promoting layer of Additol VXL 4950 BOND to the surfaces.

For plastic substrates made of polyethylene a short period of additional UV-irradiation of this film is recommendable. In general irradiation of Additol VXL 4950 BOND-coatings can further improve adhesion.

PROCESSING

Before application Additol VXL 4950 BOND must be diluted with toluene or xylene, mixing ratio 1 : 8 (Additol VXL 4950 : toluene or xylene).

Additol VXL 4950 BOND should be applied in form of a thin coating by spraying process, roller coating or brushing.
After a five minutes flash-off time the film can be treated by UV-irradiation or can be overcoated directly with any other paint system.

Additol VXL 4950 BOND must be applied as pre-treatment primer and cannot be used as additive in paints.

STORAGE

At temperatures up to 25 °C storage stability packed in original containers amounts to at least 730 days.