

EFDEZELL

Clearcoat ZK1651GRA999

- Containing solvent, high-quality nitro-combi clearcoat
- Gute Haftung auf Nichteisenmetallen
- Good adhesion to non ferrous metals
- Good light resistance

Technical / Physical Data	Resin/ binder	nitrocellulose / alkydresin combination	
	Colour	transparent	
	Gloss value visual	high glossy	
	Original viscosity DIN 53211*	20 to 27 Sek. / 4 mm cup	
	Thinner	EFD-Thinner	400500
	Density calculated	0,9 g / ml	+ / - 0,03
	Solid content calculated	22 %	+ / - 0,5
	Solid content in volume calculated	195 ml / kg	+ / - 5
	Consumption calculated in original viscosity, without application loss	100 to 105 g / m ² dry film thickness 20 µm see „Special remarks“	
	Spreading rate calculated in original viscosity, without application loss	9,5 to 10 m ² / kg dry film thickness 20 µm see „Special remarks“	

Storability

In the original packing at least 18 months, if the original packing is stored closely at 5 to 25 °C. Opened packing must be used very shortly. The minimum durability date of the respective batch is indicated on the product label. A storage beyond the indicated period means not necessarily that the commodity is useless. An examination of the characteristics necessary for the respective targeted application is however essential for reasons of the quality assurance in this case.

Processing and application

Application

Stir up before the use carefully (e.g. with high-speed mixer).

by roller/ brush: in original viscosity

Substrates

non ferrous metals, steel

Pretreatment

The substrate must be free of materials which prevent adhesion, e.g. oil, grease, dust and surfactant. According to the requirements we recommend to apply the suited chemical (e.g. phosphatizing, chromating) or / and mechanical (e.g. shot blasting) pretreatment.

Proposal for a coating system

substrate: for example brass

top coat: EFDEZELL-Clearcoat ZK1651GRA999

Application temperature

above 10 °C

Drying

air drying at 20°C

dust dry:	after 10 min.	(degree of drying 1/ DIN EN ISO 9117-5)
dry to touch:	after 50 min.	(degree of drying 4/ DIN EN ISO 9117-5)
complete dry:	after 6 days	(swinging beam hardness/ DIN EN ISO 1522)

oven drying: to 100°C possible (object temperature)

Cleaning of working equipment

EFD-Thinner 400500

References to the work and health protection

While handling with lacquers the usual precaution measures for ventilation as well as for the personal protection during processing are to be considered. Detailed references to dangerous materials, safety-relevant data and recommendations for the health/ environmental protection can be taken out of the appropriate safety data sheet.

Special remarks

Test condition

*Indication of the delivery viscosity according to DIN 53211:

DIN 53211 was withdrawn in October 1996.

On request the value is available according to DIN EN ISO 2431.

All information is based on a standard climate 20/65 DIN 50014.

For the calculation of the practical consumption loss additions have to be considered. Indications to this are the practical experience and advices given in DIN 53220.

All information are based on our product knowledge and experience. To the application we have no direct influence. For further information please don't hesitate to contact us.