

# TECHNICAL DATA SHEET

supersedes previous issue dated 10/12/03

**WZ59\*\*/BB**  
**WZ59\*\*/NN**

## UREIC CONVERTER FOR TINTOMETRIC SYSTEMS

Colours:	BB - white; NN - neutral
Versions:	WZ5910/BB: 12 ± 2 gloss WZ5930/BB & /NN: 28 ± 3 gloss WZ5980/NN: 82 ± 3 gloss
Area of use:	General purposes and turned parts.
Method of use:	Conventional spray guns.
Mixing procedure:	By weight (kg) WZ59**/BB & /NN 100 WH1084/00 10

### Technical characteristics:

	Solids content (%):	Specific gravity (kg/l):	Viscosity (DIN 4 at 20°C):
WZ5910/BB:	53 ± 2	1.125 ± 0.030	40" ± 2"
WZ5930/BB:	53 ± 2	1.100 ± 0.030	41" ± 2"
WZ5930/NN:	46 ± 1	0.970 ± 0.030	30" ± 1"
WZ5980/NN:	43 ± 1	0.970 ± 0.030	26" ± 1"

### Substrate preparation

With sanded polyurethane or ureic basecoats.

### General characteristics

Pot-life:	10 hours.
Recommended application weight (g/m²):	Min. 100 - max. 150
Drying time (100 g/m² at 20°C):	Dust free: 10'-15' Touch dry: 60'-70' Stackable: 6 hours.
Forced air ventilation (100 g/m²):	Recommended application system: Flash-off: 20' At 50° C.: 40' Cooling: 20'
Shelf-life:	If the product is properly stored, shelf-life is unlimited. After long periods of storage, always check homogeneity and stir well before use to eliminate any possible sediment.

WZ59\*\*/BB and /NN have been specifically formulated for tintometric systems and are characterized by a feeble smell of formic aldehyde, excellent wettability and surface hardness. In case the film shows a light orange peel effect, we always recommend thinning with 10% of DT0436/00.

WZ59\*\*/NN neutral bases must be applied only if tinted with solvent-based pastes TP4199/XX. However, we remind you that the addition of organic pigmented pastes implies longer drying times, lower hardness as well as lower hiding power than inorganic pigmented pastes.

### Special instructions

N.B.: Data provided on this Technical Data Sheet correspond to our best knowledge and experience. We assure consistency on the chemical-physical characteristics of our products, within the tolerance limits specified on our Technical Data Sheets. Responsibility of final result of product application is fully up to the users, who shall make sure that the product corresponds to their own needs with regard to application system, to substrates used as well as to working conditions.

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WZ59\*\*/BB and /NN topcoats can be mixed with TP4199/XX pastes in a volumetric mixing ratio of 85/15 cc. for intense shades starting from neutral up to a maximum of 4% in volume for pastel shades starting from pigmented white, as it is stated in the WOOD COLOR PLUS formulary.

### PROBLEM OF COLOUR ALTERATION DUE TO SUNLIGHT

In general white is liable to yellow slightly over time even if specific hardeners are used. Since equipment exists for determining to a fair degree of accuracy how long it will take for the colour of coatings to change and the extent of the change, before starting work, users should have the light fastness of pigmented topcoats evaluated to determine whether they are suitable for their requirements. Arch's laboratories are able to perform this test with the utmost objectivity, although the ideal solution is for the user to contact an independent testing laboratory.

### Warnings and advices for use

- Apply the product at temperatures included between 18-25° C. At lower temperatures drying time increases; at higher temperatures we recommend thinning with retardant products.
- Keep the cans in temperate rooms. Do not use the product if it has been stored at temperatures lower than 15°C. In case of need, pre-warm the cans in a double-boiler at 25-30° C. for 2 hours at least.