

Technical Data Sheet NR 16427

WATER BASED CONCENTRATE SOLUTIONS

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PRODUCT: SINCA/ WATER BASED CONCENTRATE SOLUTIONS

DESCRIPTION: products for staining wood based on special pigments dispersed in water, with excellent light fastness.
Available water based SINCA:

SINCA6 (red)
SINCA17 (black)
SINCA18 (blue)
SINCA20 (lemon yellow)
SINCA43 (chrome yellow)
SINCA50 (scarlet)

USE: suitable for staining flat surfaces, frames and turned pieces

SPECIFICATIONS OF SUPPLIED PRODUCT

Physical state: coloured water based solution
Solid content %: 23 - 27

Light fastness: excellent for indoors

SUBSTRATE: solid wood and veneer

APPLICATION:

1) SPRAY: dilute the product with water until the required tone is obtained. When applying with air pistol we advise a 1.2-1.5 mm nozzle and an air pressure of 3-3.5 atm.
2) IMMERSION: this sort of application is used for staining turned pieces. In this case it is necessary to dilute the product with water and finally with LCF (LACKFOND), water based impregnating base coat. LACKFOND decreases fibre lift and makes the stain more uniform. A base formula for an immersion stain is the following:
 $SINCA/ + \text{water} + LACKFOND = 10 + 60 + 30 = 100$
first add the SINCA/, then the water and mix, and then add the LACKFOND, which should always be added last, otherwise the product could flocculate.

OVERCOATING: after drying of the stain. It can be coated with polyurethane, acrylic, water based or polyester (before coating with polyester apply a coat of IS201).

DRYING:

Completely dry: 8-12 hours at 23°C and 60% R.H.

SINCA/ are concentrated colorants and as such before application they must be diluted with water in varying percentages depending on the tonality required. As well as water for dilution, vehicles can also be used (VEA202, VEA212, IN921, LCF) to improve the characteristics of the product.

QUANTITY TO APPLY: variable depending on application method, but normally between 30-40 g/m²

NUMBER OF COATS: one, except with particular cycles

SHELF LIFE AT 20°C: 12 months in correctly stored unopened tin

SPECIFICATIONS OF SUPPLIED PRODUCT

CHARACTERISTICS	UNITS	VALUE	METHOD
Specific gravity at 20°C:	g/ml	0.98 - 1.13	MP01

Always verify the suitability of the product for the job to be done before application. We can not accept responsibility for the outcome.

The information contained in this technical data sheet, as well as any verbal information, is given to the best of our knowledge. We do not accept responsibility for obsolete or incorrect information. The information is to be considered obsolete when a new technical data sheet is issued. Please feel free to contact us to request

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the latest edition.