



Marzo 2014

PRODUCT CODE: 52010

PRODUCT NAME: WATERBORNE BINDER ALKYD FINISHES

DESCRIPTION: Is a waterborne binder to obtain glossy alkyd based topcoat for metal surfaces indoors and outdoors. Good gloss and colour retention also in industrial climate.

RECOMMENDED USE: Recommended especially for on-site painting of bridges, storage tank exteriors, structural steel and other steel surfaces.

RECOMENDED PROPORTION BINDER / PIGMENTS: 80 / 20

PHYSICAL PROPERTIES:

Vehicle Type: waterborne alkyd
Finish: gloss (min. 90 gloss)
Specific gravity: 1,0 – 1,05 kg./l.
VOC: 10%
105 gr./l.

FILM THICKNESS AND YIELD:

Recommended dry thickness of app: 50 - 60 micron
Theoretical yield mq/l: 6 - 7 mq

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<u>SURFACE PREPARATION:</u>	All surfaces must be clean, dry and free of contaminants. The surface must be evaluated and treated according to ISO-8504.
<u>SUGGESTED PRIMERS:</u>	New surfaces should be fully primed. For best hiding result use Waterborne Primers series 54000.
<u>APPLICATION CONDITIONS:</u>	Apply only on a dry and clean surface with a temperature above the dew point to avoid condensation. In confined spaces provide adequate ventilation during application and drying.
<u>METHOD OF APPLICATION:</u>	
Spray:	yes
Brush:	yes
Roll:	yes
Immersion:	yes
<u>DETAILS OF APPLICATION *:</u>	
Thin with:	water
Indicative for airless spray application:	
Nozzle pressure:	150 kg/cm ² or greater
Type of nozzle:	0,012" - 0,015"
Thinning:	5 %



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Indicative for conventional spray application:

Tank pressure:	4 - 5 kg./cm ²
Air pressure:	0,8 - 1,2 kg/cm ²
Type of nozzle:	1,2 - 1,5 mm
Thinning:	5 - 10%

Cleaning of Equipment: clean water or our Water Tools (specific liquid detergent for waterborne products)

DRYING TIME: Drying time generally depends on the airflow, temperature, film thickness. The data shown correspond to normal outdoor exposure, temperature of 20°C and recommended film thickness, applied on inert support.

Air Condition at 20°C:

Dry to touch:	2 h
Dry in depth:	72 h

Oven:

At 50°C:	4 h - complete dry
At 80°C:	2 h - complete dry

Flash off: 10 – 15 minutes (after that is ready to overcoatable with the second coat)

HANDLING AND STORAGE: The product should be stored at temperatures between 5 and 35 ° C. Store in a cool, dry and ventilated area away from heat sources. Containers should be tightly closed.



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Shelf-life: 12 months at room temperature. +5 ° C to +35 ° C.
Mix thoroughly before use.

For any information regarding the dangers and precautions refer to the MSDS of the product.

*** The application parameters are defined on the installation of the costumer**

The data shown are the average of tests. As indicated on how to use and the results obtained with the product corresponds to our latest experience of practical applications, but not be our responsibility or liability for each individual application. You should therefore always make preliminary tests to confirm the suitability of the product to you. Our technical support is at your disposal for every need.