Chemcraft®

A Great Finish is Only the Beginning

Aquatec Platinum Flooring WB Clear TC 423-16XX

Product Codes:	
423-1620	Low Gloss
423-1635	Satin
423-1650	Semi-Gloss
423-1690	Gloss

VISCOSITY:	Zahn #2 signature cup 22 sec at 25°C
FLASH POINT:	NA (>93°C)
DENSITY (Kg/L):	1.06
SOLID (% by weight):	32
SOLID (% by volume):	27
SHELF LIFE (months):	6

Product Description: A waterborne polyurethane dispersion, Aquatec Platinum is a wear-resistant, fast drying and environmentally friendly lacquer. It is resistant to conventional detergents and household cleaners.

Uses: Aquatec Platinum is designed for high traffic wooden floors such as gym floors. It can be used for various surfaces when properly prepared. The lacquer is also suitable for interior doors and frames.

Environmental Data (as supplied):

VOC less exempt lb/gal:	2.24
VOC lb/gal:	0.84
VOC less exempt g/l:	268
VOC g/l:	101
VOC lb/lb Solid:	0.30
VHAPs lb/lb Solid:	0.00

See individual compliance sheets for specific data

Application Data:

SUGGESTED USES:	Clear Waterborne Lacquer
MIXING RATIO:	NA
POT LIFE:	NA
APPLICATION VISCOSITY:	Zahn #2 signature cup 20-25 seconds
REDUCER:	Water if necessary
RETARDER:	NA
CLEAN-UP SOLVENT:	Soap and water when wet, 4:1 water:100-119 if dried
APPLIED FILM THICKNESS:	2-4t mils

AkzoNobel

Directions for Use

New Wooden Surfaces:
The wood must be dry and free of dust and dirt, etc. The first coat, the sealer, should be applied either as is or thinned a maximum 10% with water. Then the lacquer is dry, sand it with fine sandpaper (i.e. 280, 320) and remove all sanding dust by using a vacuum cleaner or a damp cloth. Apply one more coat, undiluted, depending upon the resistance and filling required.

Pre-lacquered Wooden Surfaces:
Remove loose and poorly adhering lacquer. Ensure fixed finish is cleaned well and washed with water. Use a solution of tri-sodium polyphosphate (TSP) to remove grease and residue. Use a damp cloth only as excessive water could damage the floorboards. The surface must be completely dry before applying a sealer coat of lacquer. Evaporation from cracks and joints can take longer. Sand with 150 grit sandpaper after applying sealer coat. Remove sanding dust with a vacuum cleaner and wipe with a slightly damp cloth. If sanding through other types of lacquer or varnishes, various shades may appear due to different penetration and areas sanded through. Then apply one or two more coats, undiluted, depending upon the need for resistance and filling.

Waxed or Stained Wood Surfaces:
All wax, etc. must be removed with clean rags and washed with mineral spirits (varsol). After cleaning, it is recommended to make a testapplication to see if the lacquer adheres and dries. If not, removal of old finish or sanding is required. When the preparation and sealing have been completed, apply one or two coats, undiluted, depending upon the resistance and filling required.

General information:
Product must be thoroughly stirred before use to ensure consistency of the texture throughout the mixing vessel. Best results will be achieved if the product is gently mixed during application.
The relative humidity in the application and drying room should not exceed 75% for maximum coating performance and reasonable dry times. Aquatex should not be applied when the temperature is below 16°C.

THE CUSTOMER IS RESPONSIBLE FOR FOLLOWING THE RECOMMENDED APPLICATION PROCEDURES. FAILURE TO ADHERE TO THE RECOMMENDATIONS GIVEN IN THIS DATA SHEET WILL LIKELY RESULT IN UNSATISFACTORY FILM APPEARANCE OR FILM FAILURE. THE COMPLETE COATING SYSTEM SHOULD BE CHECKED FOR REQUIRED PROPERTIES PRIOR TO THE START-UP OF PRODUCTION.

Drying Times:

Dries in approximately one hour at 20°C (room temperature) and with relative humidity of 30-65%. Ready for next coat after approximately four hours and full resistance properties are obtained after approximately one week. Drying times will be dependent on temperature and relative humidity - the higher the relative humidity the slower the drying process.

Note: Dry times are greatly affected by film build, porosity of substrate, air movement as well as heat and humidity. Temperatures are based on actual board temperature. This may vary depending on length of time for boards to reach these temperatures. Minimum curing temperatures of 64°F/18°C must be maintained throughout the curing cycle to achieve the film integrity as stated in product features.

These products are designed for industrial use only. AkzoNobel views safety as a top priority. Please refer to Material Safety Data Sheet for information on the safe use of this product.

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