



TECHNICAL DATA SHEET

rev. 08 of July 13, 2010

DELTA/SL (semigloss sheen finish)	code VE5055
DELTA/S (satin sheen finish)	code VE5060
DELTA/O (mat sheen finish)	code VE5070

TECHNICAL DATA (based on room temperature of 73.4°F and 65% of relative humidity)

Viscosity	32" ± 5" F4
Specific weight	1.03 ± 0.01
pH	8.0 ± 0.5
Dry to touch (dust dry)	25 mins
Recoating after / within	3 / 24 hrs
Dry for abrading after	4 – 6 hrs
Cautious foot traffic after	24 hrs
Complete drying	10 - 12 days
König hardness	67
Buchholz hardness	95
Abrasion resistance (Taber abraser, abrasive wheel CS10, 1000 g weight, 1000 rotations)	10 mg
Sheen DELTA/SL	60 gloss
DELTA/S	30 gloss
DELTA/O	15 gloss
Recommended coverage (per coat)	400 – 500 sq. F. / US gal.
Thinning	ACQUA BLU
Tools cleaning	IDROCLEANER
VOC %	13.5 %
VOC max. content g/liter	138 g/l
VOC limit value (Subcat. i WB One-pack performance coatings)	140 g/l

DESCRIPTION

Single-component, aliphatic, polyurethane finish for wood floors and other surfaces. Though a waterborne finish, DELTA gives the wood a solvent-based finish look, deepening its tone. It provides high abrasion resistance, very good flow and levelling properties, and sands easily. Another characteristic of DELTA is not to show possible traces of silicium in Doussié. This product is NMP (N-methylpyrrolidone) and NEP (N-ethylpyrrolidone) free. To enhance the good chemical-physical resistance of the finished surface, it is possible to add to the amount of finish to be used for the final coat 2-4% of Carver SUPER PLUS crosslinker catalyst.

DIRECTIONS

Sand and, if necessary, fill the floor, removing all wax, oil or existing finish. After final sanding or screening, vacuum and tack thoroughly. Apply 2-3 coats of DELTA by roller or brush, abrading between coats (to abrade use 150-grit abrasives; when employing a Trio machine, use 80÷100-grit abrasive discs). For using DELTA with Carver waterborne sealers, follow the specific directions.

MAINTENANCE

To clean up sealed parquet, first eliminate dust with ANTISTATIC TACKRAGS. If necessary, use a vacuum sweeper equipped with non-rotating brushes with natural-fibre bristles, suitable for parquet. Then wash, using a cloth moistened with a DETER PARQUET solution. For more information see our brochure LINEA PARQUET – MAINTENANCE OF VARNISHED WOOD FLOORS.

NOTICE

- Since DELTA strongly deepens the color of the wood, in order to avoid a not uniform tonality it is necessary to take particolare care over the sanding and the first coat application. Sanding must be done as uniformly



as possible, paying attention to the edges. The first coat must be abundant and uniform all over the surface (better to use a 4-5 mm hair roller).

- Apply the product at a room temperature between 59°F and 95°F with a relative humidity rate between 35% and 70%. Allow product to reach room temperature before application.
- Shake well the product and wait for 20 min. before use.
- To increase the finish spreading power during hot months, it is advisable to add 35% of Carver ACQUA BLU thinner or demineralized water. Anyway, it is opportune not to apply the product during the warmest hours of the day and to strictly avoid direct exposure to the sun of the just finished surface.
- Always adhere to the prescribed recoating and abrading schedule. After abrading, always vacuum and tack thoroughly.
- Carver SUPER PLUS additive, once mixed to the finish, keeps its efficacy for 2-3 hours. After this range of time, it is advisable to use the catalyzed finish only for the first coats.
- Clean tools with Carver IDROCLEANER or, for lack of this, with water, better if lukewarm.
- **The finished surface can be cautiously walked on after 24 hours. It achieves the optimal physical resistance after 10-12 days.**

Protect from freezing!

Dispose of excess product and empty containers properly.

If the original unopened container is stored in a cool dry place, the product will keep for 12 months.

Obligation of manufacturer:

Technical datasheet and Safety data sheet are available for each Carver product. In case of products proved to be defective upon verification of manufacturer's persons in charge, manufacturer's only obligation shall be to replace such quantity of product proved to be defective or refund its purchase price. Neither the manufacturer nor its distributors shall be liable for any damage, loss or injury, direct or consequential, arising out of the use or the inability to use the product. The user shall ascertain the suitability of the product for the intended use. He is fully responsible for the correct application of the product in conformity with the local laws and regulations in force and undertakes all risk and liability connected therewith.