

CARVER S.r.l. Unipersonale

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TECHNICAL DATASHEET

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BOREAL/L (gloss sheen finish)	code VE3950
BOREAL/SL (semigloss sheen finish)	code VE3960
BOREAL/S (satin sheen finish)	code VE3970
BOREAL/O (mat sheen finish)	code VE3980

TECHNICAL DATA *(based on room temperature of +23°C and 65% of relative air humidity)*

Viscosity	30 ± 5 sec. F4
Specific weight	1,03 ± 0,01 Kg/l
Dry to touch (dust dry)	30 min.
Recoating after / within	3 / 24 hr.
Dry for abrading after	3 – 5 hr.
Cautious foot traffic after	24 hr.
Complete drying	10 - 12 days
König hardness	21
Buchholz hardness	77
Abrasion resistance (<i>Taber abraser, abrasive wheel CS10, 1000 g weight, 1000 rotations</i>)	10 mg
Sheen BOREAL/L	70 gloss
BOREAL/SL	45 gloss
BOREAL/S	25 gloss
BOREAL/O	10 gloss
Recommended coverage (per coat)	400 – 500 Sq.F./US gal
Thinning	ACQUA BLU
Tools cleaning	IDROCLEANER
VOC %	7,7 %
VOC max. content g/l	80 g/l
VOC limit value (<i>Subcat. i WB One-pack performance coatings</i>)	140 g/l

DESCRIPTION

Single-component, aliphatic, polyurethane finish for wood floors and other surfaces. Though a waterborne finish, BOREAL gives the wood a solvent-based finish look, deepening its tone, without extracting tannins. It provides very high resistance against abrasion, strips, and chemicals for domestic use. BOREAL can be easily sanded and allows to make fast painting cycles.

DIRECTIONS

Sand and, if necessary, fill the floor, removing all wax, oil or existing finish. After final sanding or screening (#100-120), vacuum and tack thoroughly, shake the can and wait for 15 min., then apply BOREAL by roller or brush, according to the following indications:

- Apply the 1st coat of BOREAL. Without sanding, but according to the timing of the above schedule, apply a second coat of BOREAL. Abrade with grain #120-150 and apply a third coat of BOREAL
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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.

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NOTICE

- **BOREAL has been formulated with resins incompatible with most of the other existing water coating systems on the market. Therefore it is very important to use brushes and rollers dedicated to BOREAL and avoid mixing it with other products**
- 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.
- Verify that wood humidity is less than 10%
- Shake well the product and wait for 15 min. before use.
- To increase the finish spreading power during hot months, it is advisable to add 5-10% 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.
- **Never use grain higher than #180**
- 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 and dry place, the product will keep for 12 months.

NOTE: The information contained in this technical datasheet is to the best of our knowledge and experience. Since the conditions of use are beyond our control, no warranty is given or implied.