SAYERLACK®
INNOVATIVE WOOD SOLUTIONS

Sayerlack is a brand of
SHERWIN-WILLIAMS

SAYERLACK S.r.l. - With a Single Shareholder
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Cod. Fisc. e Reg. Impr. Bo 08866930152 - P. IVA: IT 00494251200
R.E.A. n. 313180 - Cap. Soc. Euro 2.626.182 I.V. - Codice Mecc. Bo 014531
Company under the direction and coordination of The Sherwin-Williams Company, USA

Technical **Data Sheet**

AF60**/00 1-PACK AND 2-PACK CLEAR WATERBORNE SELF-SEALER FOR PARQUET FLOORING

Supersedes previous issue dated 06/05/08 *DATE 04/08/10*

Versions:	05, 20, 30, 50 gloss
Area of use:	Specifically formulated for parquet floors.
Method of use:	Brush: ready to use. Roller: thin 2-3% with drinking water.

Technical characteristics

Solids content (%):	31 ± 1
Specific gravity (kg/l):	1.030 ± 0.030
Viscosity (DIN 4 at 20℃):	18'' ± 2''

Mixing procedure:		by weight (kg)	by volume (l)
Part A	AF60**/00	100	100
Part B (hardener)	AH1547/00	10	10
Thinner	Water	0-5	0-5

General characteristics

Pot-life at 20℃:	5-6 hours

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WARNING: ACTUAL VISCOSITY OF SOME PIGMENTED AND/OR THIXOTROPIC PRODUCTS MAY DIFFER FROM THE VISCOSITY SHOWN ON THE TECHNICAL DATA SHEET. DIFFERENCES ARE TO BE REGARDED AS ACCEPTABLE IF WITHIN 30% MAXIMUM.

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Drying time (80 g/m² at 20°C 65% humidity):	Dust free	60’
	Touch dry	90’
	Overcoatable:	3 hours
	Sandable:	8 hours
	Foot traffic:	24 hours
Recommended application weight (g/m²):	Min. 60, max. 120	
Spreading rate (m²/kg):	8-16	
Number of coats:	Max. 3.	
Shelf-life (months):	15	

AF60**/00 is a one-pack/two-pack clear non-yellowing waterborne self-sealer topcoat for use on parquet flooring, an application that requires special characteristics of elasticity, hardness, abrasion resistance, ease of application by roller and brush, and ease of touching-up and maintenance.

Addition of AH1547/00 hardener improves chemical resistance, abrasion resistance, final hardness.

Method of use

On untreated surfaces fill any cracks using binder XT0590/00 mixed with the sawdust obtained by wood floor smoothing. To this purpose, also AU0447/00 or AF60**/00 can be used.

When the filler has dried, sand the floor carefully using 80-120 grit sandpaper. Remove the sanding dust with a vacuum cleaner before applying the coating.

Apply the first coat of AF60**/00, making sure that the product is well spread and there are no areas of build-up.

After 6 hours at least, when drying is complete, the product is ready for sanding. It is preferable to sand manually using 150-180 grit paper or with mechanical systems using 220-240 grit paper. Then apply a second coat and, following the same method, the third coat.

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Some resinous timbers (such as iroko, merbau, etc.) contain coloured substances that tend to be dissolved by the product during application. To avoid this, on such timbers use AF60**/00 mixed with 5-10% of AH1547/00 as the initial coat and wait at least 12 hours before sanding. To obtain higher chemical-physical resistance and greater hardness, we recommend adding 10% AH1547/00 to the last coat of AF60**/00.

Do not allow the product to build up in any areas and make sure that it is spread uniformly and with the recommended application weight of about 80-120 g/m² for each coat. This can easily be achieved using normal brush application. Higher application weights require much longer drying times.

For maintenance of parquet floors already coated with AF60**/00 or other types of clear coating (including solvent-based coatings), sand well using 150 grit sandpaper, clean the substrate, then apply one or two coats of AF60**/00 as described above. Make sure that the surfaces are free of grease and/or synthetic wax.

Spray application of AF60**/00 is not recommended. Actually, with this application method it is easy to exceed in quantity with the consequent possibility of several inconveniences such as detachment of the coating film from the wood substrate. In case spray application is strictly required, extreme attention must be paid to application weights or a different product must be chosen.

Special instructions

- Accidental application of thick layers of product may cause spots and cissing and slow down drying to such an extent that the film lifts from the wood.
- Keep from freezing: store in areas where temperatures do not fall below 5℃.
- During application and drying, the ambient temperature and the temperature of the coating must be no lower than 10℃. At lower temper atures drying takes longer.
- Use only drinking water for thinning.
- Mix the product using a stick or a spatula. Avoid stirring too vigorously not to incorporate air in the product which may lead to the formation of bubbles during application.
- Add AH1547/00 isocyanic crosslinker slowly while stirring the product for a few minutes. Wait another few minutes before thinning with 3-5% water, then stir again. The blend is now ready for application.
- Ventilate the room during and after application to improve drying.
- The coated floor is ready for foot traffic the next day, final hardeness is achieved after 72 hours.
- After application wait 72 hours before placing furniture or carpets on the floor.

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- For the first 2-3 weeks the coating is not perfectly dry and remains slightly sensitive to water. If the floor is washed and/or water deposits in some areas after treatment, this may give rise to reversible blooming on the film of coating.
- Wash working tools immediately with water. Dried coating can be removed by washing with acetone.
- Coating residues must be disposed of in accordance with current legislation. Do not pour residues down drains.
- Due to the great number of exotic timbers available on the market, it is advisable to perform a preliminary test to verify that the product does not undergo cissing, blushing or lifting caused by substances contained in the wood.

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