


Technical Data Sheet

TREBO Shellac No. 709

Range of application	In the interior, for transparent varnishing of all types of wood, such as furniture, doors, picture frames, wall and ceiling coverings. No suitable for tabletops, floors and damp rooms.
Technical qualities	Low viscosity. Dries very quickly, purely physical, i.e. by evaporation of the solvent. After third application satin glossy, transparent surface that is limited in its resistance against chemicals, water, abrasion and scratches.
Full declaration	Ethanol (grain alcohol), shellac, silicic acid and larch resin.
Color	Light honey colored (Gardner color index: approx. 14). Cannot be tinted.
Dilution	KIROS Thinner No. 710 (denatured with methyl ethyl ketone) or KIROS Thinner No. 720 (denatured with shellac).
Application method	By spraying, rolling (with Moltopren foam roller) or painting.
Coverage	1 l undiluted (1,06 fl. quart.) is sufficient for 12 to 16 m ² (129 to 172 ft ²) per coat, i.e. 71 ml/m ² . Could be considerably less depending on the condition and absorbency of the surface. Test application!
Cleaning up	Clean equipment immediately after use with KIROS Thinner No. 710.
Drying time	At 23 °C (74 °F) and 50 % relative humidity dry to the touch after approximately 20 minutes. Can be painted or sanded after approximately 24 hours. Fully hardened after 24 – 48 hours. Diluted with at least 10%, the coat can be sanded or painted already after 4 – 5 hours.
Specific gravity	Approximately 0.86 g/ml.
Safety advice	<p>Ensure good ventilation during and after application.</p> <div style="display: flex; align-items: center;">  <div style="margin-left: 10px;"> <p>H225 Highly flammable liquid and vapour.</p> <p>H319 Causes serious eye irritation.</p> <p>P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.</p> <p>P233 Keep container tightly closed.</p> <p>P243 Take precautionary measures against static discharge.</p> <p>P280 Wear protective gloves/protective clothing/eye protection/face protection.</p> <p>P370+P378 In case of fire: Use Water spray jet, Extinguishing powder, alcohol resistant foam, Carbon dioxide.</p> </div> </div> <p style="text-align: center;">Danger</p>
Disposal	According to locally regulated laws.
Container sizes	1 l; 2.5 l; 10 l.
Storage	Cool and dry, Shelf life: unopened at least 4 years. Close product tightly after use.
Packaging	Made of polyethylene (PE). This material is ground water neutral and recyclable. See reverse for application instructions.

How to use

TREBO Shellac No. 709

Untreated wood

Preparation

Surface must be dry (wood moisture below 15%), solid, clean, free of grease and dust.

For a high surface requirement, water the wood before, allow to dry and sand with grain 220 – 320, brush out pores and remove dust thoroughly.

Application system

Stir thoroughly before use.

Prime with TREBO Shellac No. 709, diluted with 10% KIROS Thinner No. 710 or No. 720.

Intermediate sanding with fine sandpaper (220 – 320) after at least 4 – 5 hours drying time.

Surface and workroom air must be completely free of dust before applying following coatings!

Second coat with TREBO Shellac No. 709, undiluted. Intermediate sanding after 24 hours.

Final coat with TREBO Shellac No. 709, undiluted. Fully hardened after 24 – 48 hours.

Important tips

Apply all coatings sparingly and distribute well. Drying takes places very quickly, so you have to work quickly, otherwise there is risk of visible streaks. Spray large areas (**compressed air atomizer:** air pressure in bar: 3.0 – 5.0, nozzle size 0.7 – 1.0. **Airless:** spray pressure 50 – 120 bar, air pressure 2.0 – 3.0, nozzle size 0.007 – 0.011 inch).

Pay attention to explosives regulations and insert hair sieve.

Depending upon the raw materials used, the color and gloss level may vary from batch to batch.

High humidity (> 65% relative humidity and temperatures < 18°C (64 °F)) can cause whitening during drying time. If this occurs, sand off and start again.

Renovation

Clean with KIROS Thinner No. 710. Slightly sand with fine grain, remove dust completely. Then apply TREBO Shellac No. 709 undiluted.

Old coatings

Remove old coatings completely by sanding or stripping. Furniture with a veneer has to be handled with caution (discoloration and dissolving of the veneer glue etc. is possible). Otherwise follow the same coating procedures as for untreated wood.

Maintenance

Remove dust with a dry cloth and treat if necessary with DRYADEN Polish No. 560.

Cleaning

With TRENA pH-Neutral Cleaner No. 556 diluted with water.

These directions are the result of long years of research and practical testing. They are backed by our most current expert information. New findings may invalidate this information. The latest version is available on our website at www.livos.de. This data sheet is meant to serve as information and instruction. No legal liability should be interpreted from it. In case of doubt, please contact the LIVOS customer service.

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