


Technical Data Sheet

BELOS Shellac No. 706

Application range	In the interior, for transparent painting of all types of wood, such as furniture, doors, picture frames, wall and ceiling coverings. Not suitable for table tops, floors and damp areas.
Technical qualities	Low viscosity. Fast drying, purely physical, i.e. by evaporation of the solvent. After 3rd application satin glossy, transparent surface, which is limited in resistance to chemicals, water, abrasion and scratches.
Full declaration	Ethanol (ethanol fermentation), shellac, silicic acid, larch resin.
Color	Light honey colored (Gardener Index approximately 10). Cannot be colored.
Dilution	KIROS Thinner No. 710.
Application method	With spraying device, roller (Moltopren foam roller) or by brush.
Coverage	1 l (1.06 quart.) is sufficient for approximately 12 – 16 m ² (129 – 172 ft ²) per coat, i.e. 71 ml/ m ² . Coverage could be considerably less depending upon the condition and absorbency of the surface. Test application!
Drying time	At 23°C (73°F) and 50 % relative humidity, dry to the touch after approximately 20 minutes. Subsequent coats and sanding is possible after 24 hours. Completely hardened after 24-48 hours. With the addition of at least 10 % thinner, sanding and subsequent applications are possible 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-right: 10px;">  </div> <div> <p>H225 Highly flammable liquid and vapour. H319 Causes serious eye irritation. P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P233 Keep container tightly closed. P243 Take precautionary measures against static discharge. P280 Wear protective gloves/protective clothing/eye protection/face protection. P370+P378 In case of fire: Use Water spray jet, Extinguishing powder, alcohol resistant foam, Carbon dioxide (CO₂) to extinguish.</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 opened product tightly.
Packaging	Made of polyethylene (PE). This material is ground water neutral and recyclable. See reverse for application instructions.

How to use

BELOS Shellac No. 706

Untreated wood

Preparation

Surface must be dry (moisture content below 15%), solid, clean and free of grease and dust. For high surface demand the wood has to be watered and sanded (220-320 grain). Brush out pores carefully and de-dust prior coating.

Coating procedure

Stir well before using.
Prime with BELOS Shellac No. 706, diluted with 10% of KIROS Thinner No. 710.
Intermediate fine sanding (220-320 grain) after at least 4-5 hours drying time. Surface and surrounding air has to be absolutely free of dust for the following coats!
Second coat: Apply BELOS Shellac No. 706. Intermediate sanding after 24 hours.
Final coat: Apply BELOS Shellac No. 706. Completely hardened after 24-48 hours.

Renovation Preparation

Clean the surface with KIROS Thinner No. 710. Sand with fine grain and free from dust carefully.

Coating procedure

Same as for untreated wood, but without the priming coat. Possibly only a final coating is sufficient.

Old coatings

Remove old coatings completely by sanding or with a paint remover. 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.

Care

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

Cleaning

Do not use soap or other polish.

Important Tips

Apply all coats sparingly and evenly. It dries very fast; therefore it is mandatory to work very fast and fluent. Otherwise there is danger for permanently visible brush marks. Spray large surfaces (**Compressed air sprayer:** air pressure 3.0–5.0 bar, nozzle size 0.7–1.0. **Airless:** spray pressure 50 – 120 bar, air pressure 2.0 -3.0, nozzle size 0.007 – 0.011).

Pay attention to explosives regulations and insert a hair sieve.

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

Greater smoothness of the coating is achieved by spray application of BELOS Shellac No. 706, diluted with 20% of KIROS Thinner No.710.

At high humidity (>65 %) and temperatures less than 18°C (64°F) there is danger of the finish drying whitish. This so created layer needs to be sanded down.

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 retailer, wholesaler, or manufacturer.

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