

# Technical Information



## General Information on Use of LOBADUR WS

### Products

<b>Level of Wear:</b>	<b>Normal wear:</b> houses, apartments <b>Heavy wear:</b> schools, nursery schools, offices <b>Extremely heavy wear:</b> restaurants, stores
<b>Softening Agents:</b>	Softener based materials like e.g. carpet padding, furniture padding, chair rolls, elastic glues containing plasticizers could lead to softening and discoloration of the finish.
<b>Side Bonding:</b>	Non strip floors, batten floors, endgrain floors and parquet on subfloor heating as well as certain types of wood containing a short dampness changing time, (e.g. beech), react if there is a change of the room climate (air humidity, temperature). To avoid cracks in the joints, we advice you to use a primer with special features to minimize side bonding as well as taking measures to stabilize the room climate.
<b>Information on Use:</b>	<p>The floor must be sanded thoroughly, dry and free of oil, wax, grease, silicone and sanding dust. Material dampness must be less than 12%, room temperatur between 15°C and 25°C (59°F and 77°F), relative air humidity between 40% and 75%, material temperature between 18°C and 25°C ( 64°F and 77°F).</p> <p>Do not put material directly on the floor, we recommend using a LOBATOOL Bonding Bucket with an inlay.</p>
<b>Intermediate Sanding:</b>	In order to achieve a sufficient intermediate bonding, if more than one coat of finish is necessary, another coat can be applied within 24 hours without intermediate sanding. After this time an intermediate sanding is necessary. An intermediate sanding before the application of the last coat will achieve an even surface. Clean dust thoroughly after each intermediate sanding.
<b>Drying Time:</b>	The stated drying times apply at 20°C (68°F) and 65% relative air humidity and sufficient ventilation. Lower temperatures, higher relative air humidity as well as bad ventilation will lead to a longer drying time. Do not use safety covers on floors, do not clean floors with a damp cloth and also do not lay down carpet before the final hardness has been reached.
<b>Swelling of Wood and Development of Joints:</b>	To avoid excessive swelling of wood caused by the increase in wood dampness during application, we recommend to apply only one coat per day. Otherwise a strong development of joints can be expected. After a second coat on the same day (primer, first coat of finish) drying over night is absolutely necessary.
<b>Use of Primer or Complete Finish Setup (without Primer):</b>	Principly all LOBADUR water based finishes can be used without a primer. With the exception of LOBADUR WS Global, all systems have a strong side bonding effect. In order to reduce side bonding and thus cracks in the joints, we advice you, according to the general state of technology, to use a suitable primer. We have considered this in the setup recommendations of the product-specific usage information.
<b>Covering Quantity:</b>	A technically correct and hard-wearing surface requires a total material consumption (finish and evtl. primer) of at least 300g/m <sup>2</sup> (30g/square foot).

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**Cleaning of Tools:** Immediately clean with water. Do not put finish left overs into sewage system. Let the left overs dry and dispose of them by industrial garbage.

**Storage and Transportation:** In closed original packages the products are storable for 12 months. Storage and transportation at 5° C to 25°C (41 °F to 77°F).  
LOBADUR WS 2K base and hardener are not sensitive to frost.

**Maintenance:** Please see the LOBA care instructions for sealed hardwood floors or sthe special LOBA care instructions for coated hardwood floors in doctor's offices and sports halls.

**Safety Precautions:** Even when working with low-emission products the usual safety measures must be taken. Keep away from children. Do not eat, drink or smoke in working areas. Wear suitable safety gloves. Make sure working areas are ventilated sufficiently. Clean left-overs off of hands. Change soiled clothes. Ventilate working rooms during working and drying time avoiding draft.

**First Aid:** Clean skin with water and soap. Rinse eyes under running water for at least 10 minutes. If accidentally swallowed drink lots of water. Do not cause vomiting. Contact a doctor immediately.

**Special Information:** All information given in this leaflet is based on DIN 18356 „Parkettarbeiten“.

The technical usage recommendations we provide our customers and manufacturers are the result of previous experiences and the latest scientific knowledge. Due to the wide variety of application possibilities and processing conditions, this information is not binding and does not justify a contractual legal relationship or other obligations from the sale contract. The buyer should test our product on own account for suitability for the intended purpose. When in doubt call our technical department for support. For recommendations containing further LOBA products, please check the technical usage information concerning these products. Our liability and responsibility complies with our General Business Conditions and are neither expanded by this information, nor by any consultation of our technical departmen.