



THE BEST FOR YOUR WOOD

# Koranol<sup>®</sup>

## Compact MSL

### 1. Product Description

<b>Product type</b>	Solvent-based, thixotropic intermediate layer based on alkyd resin. For decorative surface design and as weather protection for wood outdoors.
<b>Protective effect</b>	<p>Outstanding <b>water-repellent effect</b> thanks to a special combination of binding agents. Sun protection thanks to the use of UV-resistant, high light-fast pigments.</p> <ul style="list-style-type: none"><li>• Weather-resistant</li><li>• UV-resistant</li><li>• Moisture-regulating</li><li>• Elastic</li><li>• Easy to apply, excellent flow properties</li><li>• Excellent adhesion</li><li>• Low-odour thanks to the use of low aroma solvent, odourless after drying</li><li>• Transparent - enhances the structure and grain</li><li>• Silk gloss finish</li></ul>
<b>Application</b>	For decorative surface design and as weather protection for dimensionally stable and relatively dimensionally stable wood outdoors without ground contact. For wooden houses, exterior cladding, windows, exterior doors, etc.
<b>Shades</b>	Colourless, Ash Tree, Scots Pine, Old Pine, Light Oak, , Dark Oak, Mahogany, Teak, Walnut, Rosewood, Ebony, Opal White Silver Grey, Antique Greys, anthracite, silver, chalk white, pale white, falun red, moss green, moss green,
<b>Container sizes</b>	0.75 l   2.5 l   5 l   20 l

## 2. Technical Data

Density 20 °C	Approx. 0,89 g/cm <sup>3</sup>
Viscosity	Thixotropic
Flash point	> 61 °C
Drying	Surface dry after approx. 5 hours in normal ambient conditions (23 °C, 50% relative humidity as per DIN 50014) as well as on common types of wood, such as Scots pine and spruce. Can be recoated after approx. 10 hours. Drying may take significantly longer in unfavourable weather conditions. Drying may take significantly longer in unfavourable weather conditions (high humidity, low temperatures, minimal air change, ). Drying may also take longer depending on the wood.

## 3. Processing

Preparation	Remove any opaque paint systems, clear varnishes or thick-film glazes completely. Sand down heavily weathered wood to remove raised wood grains and to achieve a uniform wooden surface. Sharp edges should be eliminated and rounded off if possible (radius $\geq$ 3 mm). New, planed wood surfaces should also be sanded to improve the material absorption (grain size 80/120). Clean dirt and dust off wooden surfaces. Wear a dust mask when sanding. Cover bituminous materials and plastics as well as plaster, concrete and stoneware to protect them from any possible dirt. Tie back plants, do not wet them.
Application quantity	160 to 200 ml/m <sup>2</sup> in 2–3 coats
Application method	Brushing
Application	Koranol® Compact MSL is ready for use. Stir well before use. The gel structure builds up again quickly. Undiluted apply with a soft brush in the direction of grain. Apply a coat of coloured scumble with a colourless primer (e. g. Koranol Primer Colourless or Koranol® Compact MSL Colourless to wood with different levels of absorbency (spruce, Scots pine) to achieve more uniform colouring. An undercoat with a wood preservation primer with added active substances to protect against blue stain and rot is required for untreated wood outdoors. We recommend Koranol® Primer Colourless.
Application recommendations	Check the colour before processing a large area; we recommend that you always make a trial application. All shades can be mixed together. <b>The colourless grade is the only shade not suitable for outdoors.</b> Do not add any thinner. The wood moisture content must not exceed 20%. <b>Optimum processing and drying temperature +15 °C to +30 °C (applies to the substrate, Koranol® Compact MSL and the ambient temperature).</b> <b>Drying temperature: at least +5 °C.</b> Types of wood with intrinsic colour affect the desired shade; this applies in particular to lighter shades of scumble (e. g. Scots pine).
Properties of treated wood	The dried scumble is compatible with plastic and bituminous materials and does not affect the flammability of the wood.
Corrosion behaviour	Does not attack glass and metal.
Renovation	Old surfaces coated with Koranol® Compact MSL can be renovated easily. Clean dirt and dust off the wooden surface, sand it down lightly if necessary and then recoat with Koranol® Compact MSL.

## Tool cleaning

With brush cleaner, white spirit or resin thinner.

## 4. Special Instructions

### Labelling in accordance with Regulation (EG) No. 1272/2008 [CLP]

#### Warnings:

H412 Harmful to aquatic life with long lasting effects.

#### Safety instructions:

P273 Avoid release to the environment.

P501 Arrange for the contents / containers to be taken to an appropriate disposal point.

EUH066 Repeated exposure may cause skin dryness or cracking

EUH208 Contains 3-iodo-2-propynyl butylcarbamate. May produce an allergic reaction.

EUH211 Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.

### Instructions for use and warnings

Misuse may cause health problems and lead to environmental damage. The scumble should not be used on wood that is intended to come into direct contact with food or animal feeding stuffs. Likewise, do not use it to treat beehives, greenhouses (internally) and saunas (internally). **Do not use indoors.** Avoid skin and eye contact. Wear suitable protective clothing (protective gloves, safety goggles). Keep out of the reach of children. When using, do not eat, drink or smoke. Keep away from food, drink and animal feeding stuffs. If medical advice is needed, have product container or label at hand. **Do not work near an open fire and open flames.** Provide adequate ventilation during processing and drying.

### Storage and environmental protection

Only store in original containers! Seal containers tightly after use. Do not empty into surface waters or drains.

**Do not store at temperatures below +5 °C or above +30 °C.**

### Disposal

Ensure proper disposal of cleaning residues as well as containers that are not empty (collection point for hazardous waste). Place emptied (drip-free) containers in recycling material containers.

### Product code

BSL10

### EWC / German waste catalogue regulation AVV

08 01 11 - Paint and varnish waste containing organic solvents or other hazardous substances

### VOC content

The maximum value (VOC content) for this product must be 400 g/l, (2010) as per Directive 2004/42/EC. The VOC content of this product is < 400 g/l.

The above information has been compiled based on the latest development and application techniques and contains general advisory information. It describes our products and provides information about their application and processing.

As the application and processing of our products is beyond our control, we can only guarantee the consistent quality of our products in accordance with our General Terms of Sale and Delivery. We recommend that you make use of our technical advice in case of doubt.