

Koralan[®]

TKF

1. Product Description

Product type	Coating concentrate for the industrial decorative coating of garden timber, for example, can be diluted with water.
Active ingredients	Contains preservatives
Properties	<ul style="list-style-type: none">• Highly concentrated• Easily soluble in water• Fast drying• Smooth flow• Easy to sand• Moisture-regulating• Enhances the adhesion of subsequent final coats• Low grain direction• No blocking• Mild odour, odourless after drying
Application	For colour treating garden timber, such as fences
Shades	On request
Container sizes	20 l 120 l 1000 l

2. Technical Data

Density 20 °C	Approx. 1.10 g/cm ³ (depending on the colour)
Viscosity 20 °C	Approx. 15 sec. (depending on the colour) (DIN 4 mm tub)
Drying	In normal ambient conditions (23 °C at 50% relative humidity as per DIN 50.014) as well as on common types of wood, such as Scots pine and spruce: Drying: after < 1 hour Sanding: after approx. 2 hours

A high wood moisture content and high humidity may slow down the drying.

3. Processing

Preparation	Dilute Koralan® TKF to the application concentration by stirring in water. The dilution ratio is 1 : 4 to 1 : 10 depending on the colour and application. Make sure that you treat the surface properly (sand, clean) before applying Koralan® TKF. Do not breathe in the resulting sanding dust and dispose of it properly. A pretreatment with a wood preservative primer is required when coating wood for outdoor use. The intensity of the colour is dependent on the dilution ratio, surface quality as well as the wood moisture content. Dipping tanks should preferably be made of stainless steel or otherwise be coated with a corrosion-inhibiting material. The wood moisture content of the component to be treated should not exceed 20%.
Application quantity	Approx. 80 - 120 ml/m ² of ready-to-use diluted product, depending on the absorbency of the substrate and application
Application method	Painting, dipping, flooding
Processing instructions	<ul style="list-style-type: none">• Processing temperature +15 °C to +30 °C• Stir well before use, avoid high shear forces during processing• Koralan® TKF should be diluted as specified prior to use• Briefly dip wooden elements• Suspend diagonally to dry• Place a cover over the dipping tank after use (floating cover)
Tool cleaning	With water and detergent. Dispose of cleaning residues properly.

4. Special Instructions

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

Signal word: warning

Hazard statements:

- H373 May cause damage to organs through prolonged or repeated exposure (if inhaled).
H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.
H412 Harmful to aquatic life with long lasting effects.

Precautionary statements:

- P260 Do not breathe dust/fume/gas/mist/vapours/spray.
P273 Avoid release to the environment.
P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
P302+P352 If on skin: Wash with plenty of soap and water.
P362+P364 TAKE OFF CONTAMINATED CLOTHING AND WASH IT BEFORE REUSE.
P314 GET MEDICAL ADVICE/ATTENTION IF YOU FEEL UNWELL.
P501 Dispose of contents/container to recovery or disposal facilities.

Supplemental hazard information:

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

Hazardous ingredients for labelling:

2-methyl-2H-isothiazol-3-one; 3-iodo-2-propynyl butylcarbamate; 1,2-benzisothiazol-3(2H)-one; reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)

Instructions for use and warnings

The product concentrate contains biocides to protect the diluted dipping solution against fungi / yeasts / mould; it is therefore important to observe the dilution ratio. Koralan® TKF should only be used in accordance with the usage instructions. A corrosion protection agent may need to be re-applied to the dipping tank; please seek technical advice in this respect. Keep the product locked up and out of the reach of children. Keep away from food, drink and animal feeding stuffs. Wear suitable protective clothing, protective gloves and safety goggles. Do not breathe in the resulting sanding dust and dispose of it properly. Wear a dust mask when sanding. Do not spray. Spraying/sputtering outside closed systems poses environmental and health risks. Clean hands and face thoroughly with soap and water after finishing work. Take the usual precautionary measures when handling paints and varnishes.

Storage and environmental protection

Observe the statutory provisions for keeping ground water, surface water and air clean when storing and processing the product.
Do not empty into drains or surface waters.
Store only in original containers!
Seal container tightly after use.
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.

EWC / German waste catalogue regulation AVV

08 01 20 – Aqueous suspensions containing paint or varnish other than those mentioned in 08 01 19.

VOC content

The maximum value (VOC content cat. A/e) for this product must be 130 g/l from 2010 onwards as per Directive 2004/42/EC. The VOC content of this product in a ready-to-use condition is < 130 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 Sales and Delivery. We recommend that you make use of our technical advice in case of doubt.