

IMPERIA BREATHE EASY

Parquet Floor Coat – K9A0G3

Product description

Imperia Breathe Easy-Parquet Floor Coat features an especially abrasion resistant and tough surface, which moreover also exhibits very good chemical resistance. Its wide application range extends from coating wooden staircases through to sealing of parquet in the fitting out of ship interiors. This product can be used on bleached woods. The lacquer material is certified by the IMO and is an emissiontested building product under DIBt principles.

Areas of application

For parquet flooring, wood and OSB floors that are subjected to high demands. Can also be used on bleached surfaces (that are adequately dry).

Surface Preparation

Surface preparation	Professionally laid and prepared parquet or corresponding wooden flooring. The floor must first be sanded back to the bare wood and be dry and free from oil, grease, wax, silicones and sanding dust.
Substrate sanding grits from-to	100 - 120
Lacquer sanding (grit) from - to	120
Comments on sanding	The quality and uniformity of the wood and of the lacquer sanding are crucial to the final surface finish. After sanding, remove dust as prescribed.

Finishing

After 72 Hrs drying. If applied by Spray, wipe clean the spray dust using slightly moist cloth, if required.

Times

Usage time	2 h / 20 °C
conditions of transport	10 - 30 °C
Pot life	3 h / 20 °C
Drying	3 h / 20 °C
Complete drying	7 d / 20 °C
Accessible after	8 h / 20 °C
Load bearing after	7 d / 20 °C

Application

Application
Manual application -all
Rolling
Spreading

Processing instructions

The floor must first be sanded back to the bare wood and be dry and free from oil, grease, wax, silicones and sanding dust. For renovation or repairs of previously sealed surfaces: Perform a test coating to determine whether the current substrate can be sealed with Imperia Breathe Easy-Parquet Floor Coat. After suitable drying, test the bonding of the complete coating! Shake the lacquer well!

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Technical Data

Flow time (+/- 15 %)	50 s /
Appearance	colourless
Decopaint basis	WB
Decopaint category	I
Density series kg/l	1.038
Yield per coat	9 - 10 m²/l The spreading rate is heavily dependent on the type of application. The specifications relate to a liter of ready-for-use product, if necessary including hardener and thinner.
Giscode	W3/DD+
Non-volatile content series %	NaN - NaN
VOC EU %	7 %
VOC FR	A+
Storage temperature	10 - 30 °C
conditions of transport	10 - 30 °C
Working temperature	20 °C
Number of coats (max)	3
Amount per layer (minimum)	100 g/m²
Amount per layer (max)	120 g/m²
Total application volume	360 g/m²

Particular Instructions

Clean work equipment with water. Films or carpets must not be placed on the parquet flooring until it has completely hardened. Shake the lacquer well! Spraying: possible; however the addition of water is required. Adjust the spraying viscosity with up to 5 % water. Personal protective equipment and adherence to the instructions for the spraying application. This product must only be combined with other approved and technically suitable products when used as a flame retardant coating material for seagoing vessels according to the latest version of SOLAS 74/88 Reg. II-2/3, II-2/5 and II-2/6, IMO Resolution MSC.36(63)-(1994 HSC-Code) 7 and IMO Resolution MSC.97(73)-(2000 HSC-Code) 7. The maximum application amount in wet film when using this product as a flame retardant coating material for seagoing vessels is 2 x 100 g/m². "A risk assessment was undertaken according to Directive 2014/90/EU, Annex II, Section 3. This coating does not pose a physical risk to health nor a risk to the environment when cured and dried."

Sample Process

Parquet flooring, solid oak tiles. Wood sanding grit 100 with subsequent dust removal. Sealing: 2 x 100 - 120 g/m² Imperia Breathe Easy-Parquet Floor Coat using a suitable roller. Intermediate drying for at least 2 - 3 h / 20 °C room temperature with sufficient air circulation. Intermediate cutting back with a single disc orbital sander and 120 - 150 abrasive screen with subsequent dust removal. Accessible after drying for at least 8 h / 20 °C room temperature and with adequate air circulation. Full resilience after at least 7 d / 20 °C room temperature and with adequate air circulation.

General Information

The moisture content should be between 8 - 12 %. Please do not use and dry HYDRO lacquers at material and room temperatures below 18°C. The ideal humidity for painting is between 55 and 65 %. In order to avoid problems with bonding, please sand the lacquered surfaces before applying fresh lacquer and apply lacquer to the sanded surfaces as soon as possible. Woods with a very high wax content such as teak can have a negative effect on bonding in some circumstances. Water-soluble wood contents such as from ash and tannic acid from woods such as oak can initiate changes in colour tones and discolouration in the lacquer. For this reason we recommend a trial lacquering be undertaken as a matter of principle to assess the colour effect, bonding and drying progression under real conditions! Notes on cleaning and care: Please observe the care instructions in accordance with DIN 18356. Wipe parquet with a slightly damp, not wet, cloth. Please use only neutral, silicone-free, salmiac-free and non-abrasive cleaners.

Our technical information is continually adapted to keep up to date with the latest technology and statutory regulations. The indicated values are no specification, but typical product data. The latest version is always available online at www.hesse-lignal.de or talk to your local account manager. This information is for advice and is based on the best knowledge available and careful research in line with the current state of the art. This information cannot be held as legally binding. We also refer you to our terms and conditions of business. Safety data sheet is provided in accordance with EC regulation no. 1907/2006.

Version No: BPP1/08/2021. Please note that this data sheet supersedes all previous versions.

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