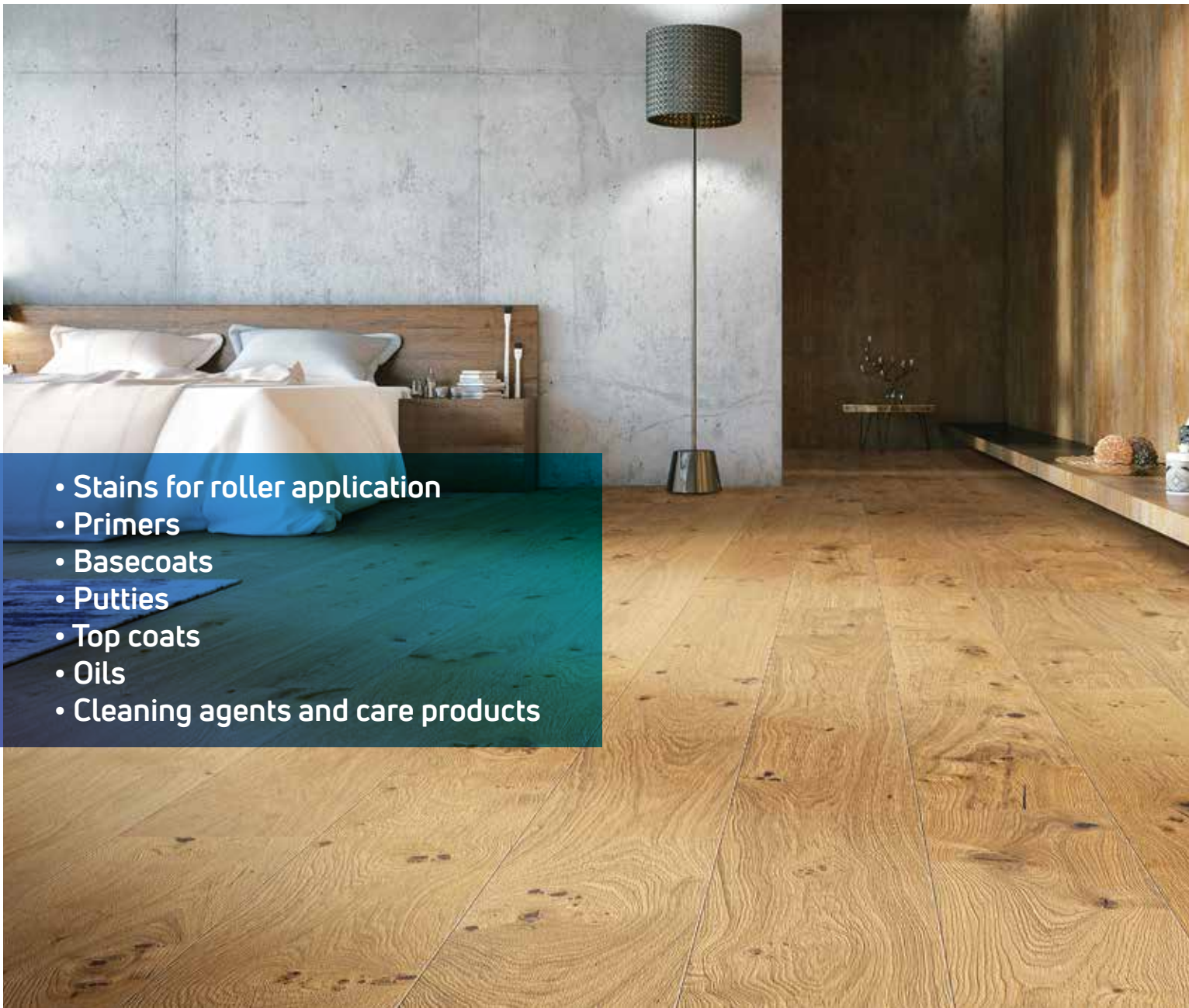




**Hesse Lignal**  
inspiring you

# Parquet coatings Surface products for the parquet industry

Creative - Innovative - Sustainable



- Stains for roller application
- Primers
- Basecoats
- Putties
- Top coats
- Oils
- Cleaning agents and care products

# HESSE GMBH & CO. KG

## Our mission

To be the partner of choice for providing professional surface design solutions “made in Germany” for our customers in industry, craftsmanship and trade because:

- everything we do revolves around providing high-quality solutions for our customers,
- by working closely with our customers and suppliers we overcome even the greatest of individual challenges,
- we offer a comprehensive package of services in our markets – and as such provide more than just products,
- we continually set trends in surface design,
- we take our responsibility towards people, the environment and materials very seriously,
- our dealing show that we are a capable and friendly family company.

**» Our internal and external dealings with customers and staff are accompanied by clearly formulated rules of collaboration. The consequential elimination of waste and the lean manufacturing 5S concept lead to continuous improvement.«**





## Our product range

From Hamm to a worldwide market – every day Hesse produces around 200 tonnes of lacquers and stains based on 45,000 different formulations. Our strategic product development activities place special emphasis on eco-friendly waterbased lacquers, modern UV systems and products from sustainable raw materials.

Hesse's quality management system, certified in accordance with DIN EN ISO 9001:2015, ensures a consistently high level of service.



## Quality through technology

The most modern production facilities ensure production of quality products. Quality at Hesse is firmly rooted in all our processes. Safety considerations and reviews are set in motion even during the development of new products or processing techniques.

A team of experts from development, planning, production, health and safety, environmental protection, fire prevention and technical supervision ensures the implementation. Continuous improvement of health and safety at work, creating a healthier work environment and employee satisfaction are the keys to success.



## Parquet coating

Products for treating the surfaces of industrially manufactured parquet flooring

- Stains for roller application
- Primers
- Basecoats
- Putties
- Top coats
- UV Oils
- Oxi-Reactive oils
- Oxidatively drying oils
- Cleaning agents and care products

**» No matter which colour you require, stains tinted to match your desires will make your parquet something unique.«**

# Primer

Product	Features	Use	Ordering information
Hesse HYDRO-UV Basecoat for roller coating HUW 8831	<ul style="list-style-type: none"> <li>• elegant accentuation of the wood</li> <li>• good adhesion properties on different substrates</li> <li>• elastic</li> </ul>	Adhesion primer for roller application, with excellent adhesion to the substrate and good accentuation of the wood. This product features great elasticity. UV-curing product based on unsaturated acrylate binders, water-dilutable, ready-to-use.	Order number: HUW 8831 Container size: 25 kg
Hesse HYDRO-UV Basecoat for roller coating HUW 8888	<ul style="list-style-type: none"> <li>• can be tinted (glazing)</li> <li>• good ability to top coat with UV lacquers</li> <li>• for application using a smooth roller</li> </ul>	UV-curing product based on unsaturated acrylate binders, water-dilutable, ready-to-use. Extremely elastic and well bodied HYDRO-UV primer for roller application with excellent adherence characteristics as preparation for top coating with UV lacquer systems.	Order number: HUW 8888 Container size: 25 kg
Hesse HYDRO-UV Basecoat for roller coating HUW 8888-x(colour tone)	<ul style="list-style-type: none"> <li>• fast drying</li> <li>• good adhesion on raw wood</li> <li>• for creating colour on parquet</li> </ul>	Tinted, water-dilutable primer for achieving stain-like colour effects on a wide variety of bare woods.	Order number: HUW-8888-x(colour tone) Container size: 25 kg
Hesse UV Adhesion primer UG 7207, clear	<ul style="list-style-type: none"> <li>• good sanding properties</li> <li>• direct application on wood</li> <li>• suitable for parquet</li> </ul>	Hesse UV Adhesion primer UG 7207 can be used as the first basecoat on UV coating systems in which HYDRO priming is not possible. It is a UV adhesion primer that ensures ideal bonding between the wood and subsequent basecoats.	Order number: UG 7207 Container size: 25 kg

## Stains for roller application

Inspire your customers with a stylish colour range! The different colour shades will make your product range even more attractive and varied.



chestnut



vanille



almond



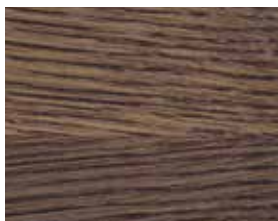
apricot



honey



blue grey



smokey oak



modern grey



white peach

# Putties

Product	Features	Use	Ordering information
Hesse UV Light putty UG 7211, clear	<ul style="list-style-type: none"> <li>• direct use on wood, no need for a primer</li> </ul>	UG 7211 is a UV-curing product based on unsaturated acrylate resins. Our clear UV priming putty is suitable for direct coating on light and dark hardwoods without the need for a HYDRO primer. This product can be applied in the parquet and furniture industries using hard rubber rollers or light putty rollers.	Order number: UG 7211 Container size: 25 kg
Hesse UV Putty UG 7181, clear	<ul style="list-style-type: none"> <li>• in a system configuration for finishes on genuine wood surfaces in the parquet industry.</li> </ul>	Hesse UG 7181 is a UV-curing putty specifically developed for the parquet industry. This product for heavy putty machines is paste-like and exhibits excellent filling properties.	Order number: UG 7181 Container size: 25 kg
Hesse UV Light putty UG 7230-0001, clear	<ul style="list-style-type: none"> <li>• very good body</li> <li>• for light putty machines</li> <li>• ideal for coating of parquet</li> </ul>	Hesse UV Light putty for roller coating UG 7230-0001 is a high-viscosity basecoat for light putty machines. This UV-curing product is suitable for achieving closed-pore surface finishes.	Order number: UG 7230-0001 Container size: 25 kg
Hesse UV Light putty UG 7594, clear	<ul style="list-style-type: none"> <li>• good abrasion values for resistant parquet surfaces</li> <li>• flame retardant according to DIN EN 13501</li> </ul>	Clear UV Light putty for flame retardant parquet finishes. A complete coating using this product meets classification Bfl-S1 in DIN EN 13501. For filling notches in parquet woods or achieving closed-pore coatings on furniture. Hard rubber machines or light putty rollers can be used for application.	Order number: UG 7594 Container size: 25 kg



# Manual putty

## Hesse 2C UV Colour putty UP 7165-(colour tone)

Mixing ratio (by weight): 100 : 4 with UP Hardener PR 8570

- fast processing
- for reparation imperfections and knotholes
- for manual application
- high coat thicknesses possible

Our Hesse UV Colour putty UP 7165-(colour tone) is colour matched to different woods and enables a rapid process, since it can be further processed after appropriate radiation and subsequent room air drying for 6 h. This 2C manual putty offers very good adhesion to subsequent basecoats and sands well. The addition of hardener enables even high coat thicknesses to be obtained, which then thoroughly harden over night.

Order number: Colour tone: Oak UP 7165-0243

Order number: Colour tone: Medium brown UP 7165-0800

Order number: Colour tone: Light oak UP 7165-0821

Order number: Colour tone: Black UP 7165-0945

Container size: 25 kg



# Basecoat

Product	Features	Use	Ordering information
Hesse UV Basecoat for roller coating UG 7582, clear	<ul style="list-style-type: none"> <li>• good abrasion values</li> <li>• for resistant parquet surfaces</li> <li>• clear basecoat</li> </ul>	Hesse UV Basecoat for roller coating UG 7582, clear is a UV-curing, clear basecoat specifically developed for the parquet industry. This product shows good abrasion values under the falling sand method and ensures ideal wear resistance depending on the amounts of lacquer in the complete coating.	Order number: UG 7582 Container size: 25 kg
Hesse UV Basecoat for roller coating UG 7328-0001, clear	<ul style="list-style-type: none"> <li>• produces matt wood pores</li> <li>• for open-pore coating</li> </ul>	This UV-curing basecoat is especially suitable for achieving open-pore, matt finishes. Its matt design means that the pores blend harmoniously into the overall surface appearance. The product UG 7328-0001 can be used with hard rubber rollers in the complete coating on porous, European hardwoods.	Order number: UG 7328-0001 Container size: 25 kg
Hesse UV Basecoat for roller coating UG 7347, clear	<ul style="list-style-type: none"> <li>• good sanding properties with great transparency</li> <li>• ideal as a coating on basecoats containing corundum</li> <li>• for open- to closed-pore coatings</li> </ul>	The product UG 7347 is a sanding basecoat that is used as a last basecoat of the complete coating, before entering the sanding machine. The basecoat thus becomes the ideal layer for lacquer sanding in preparation for the subsequent top coat. This UV-curing product is used particularly on basecoats containing corundum, such as UG 7465.	Order number: UG 7347 Container size: 25 kg

# Primer

Product	Features	Use	Ordering information
Hesse UV Basecoat for roller coating UG 7595, clear	<ul style="list-style-type: none"> <li>• good abrasion values for resistant parquet surfaces</li> <li>• flame retardant according to DIN EN 13501</li> </ul>	Clear basecoat for flame retardant parquet finishes with very good abrasion values under the falling sand method. Meets classification Bfl-s1 in EN 13501 as a complete coating as stated in the certificate.	Order number: UG 7595 Container size: 25 kg
Hesse UV Basecoat for roller coating UG 7348, clear	<ul style="list-style-type: none"> <li>• excellent abrasion values, suitable for extreme demands</li> <li>• for grooved and hard rubber rollers</li> </ul>	Hesse UV Basecoat for roller coating UG 7348 is a basecoat that can be used to achieve excellent abrasion values. Due to its optimal formulation it achieves the best values under the EN 14354 falling sand method, thus enabling to produce extremely durable parquet surfaces. The product is particularly suitable for grooved and hard rubber rollers.	Order number: UG 7348 Container size: 25 kg
Hesse UV Basecoat for roller coating UG 7465 clear, contains corundum	<ul style="list-style-type: none"> <li>• highly resistant parquet surfaces</li> <li>• for open- to closed-pore coatings</li> </ul>	Basecoat containing corundum to achieve highly durable parquet surfaces. This product shows excellent abrasion values under the S-42 Taber Abrasion Test. UG 7465 is suitable for roller application to achieve open- to closed-pore finishes.	Order number: UG 7465 Container size: 25 kg
Hesse UV Basecoat for roller coating UG 7455	<ul style="list-style-type: none"> <li>• for sustainable parquet surfaces</li> <li>• based on renewable raw materials</li> </ul>	This UV basecoat is based on renewable binding agents, making it the ideal product for sustainable coating of industrially prefabricated parquet. Our UV-curing product is the ideal surface for a subsequent sustainable top coating.	Order number: UG 7455 Container size: 25 kg

# Top coat

Product	Features	Use																																
Hesse UV Top coat for roller coating UU 7450x(gloss level), clear	<ul style="list-style-type: none"> <li>• high chemical resistance according to DIN 68861 1B</li> <li>• high scratch resistance</li> <li>• good light fastness</li> <li>• good running stability on the roller without a shift in gloss level</li> <li>• flame retardant according to DIN 4102 B1</li> </ul>	<p>UV top coat for high demand surfaces. The lacquer film features high resistance to micro scratching and also features outstanding chemical resistance. The products is flame retardant according to DIN 4102-B1 within the certified complete coating.</p> <p><b>Ordering information</b></p> <table border="1"> <thead> <tr> <th>Order number</th> <th>Gloss level</th> <th>Gloss classification</th> <th>Container size</th> </tr> </thead> <tbody> <tr> <td>UU 74501</td> <td>4 - 7</td> <td>dull matt</td> <td>25 kg</td> </tr> <tr> <td>UU 74502</td> <td>8 - 12</td> <td>matt</td> <td>25 kg</td> </tr> <tr> <td>UU 74503</td> <td>13 - 17</td> <td>matt</td> <td>25 kg</td> </tr> <tr> <td>UU 74504</td> <td>18 - 23</td> <td>semi matt</td> <td>25 kg</td> </tr> <tr> <td>UU 74505</td> <td>24 - 29</td> <td>semi matt</td> <td>25 kg</td> </tr> <tr> <td>UU 74506</td> <td>30 - 39</td> <td>satin gloss</td> <td>25 kg</td> </tr> <tr> <td>UU 74507</td> <td>40 - 59</td> <td>satin gloss</td> <td>25 kg</td> </tr> </tbody> </table>	Order number	Gloss level	Gloss classification	Container size	UU 74501	4 - 7	dull matt	25 kg	UU 74502	8 - 12	matt	25 kg	UU 74503	13 - 17	matt	25 kg	UU 74504	18 - 23	semi matt	25 kg	UU 74505	24 - 29	semi matt	25 kg	UU 74506	30 - 39	satin gloss	25 kg	UU 74507	40 - 59	satin gloss	25 kg
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Hesse UV Top coat for roller coating UU 75830, diamond finish	<ul style="list-style-type: none"> <li>• high scratch resistance</li> <li>• dull matt</li> <li>• with a velvety feel</li> </ul>	<p>Dull matt diamond top coat based on unsaturated acrylate resins. This UV-curing top coat is suitable for achieving open- to closed-pore finishes with particularly good scratch resistance.</p> <p><b>Ordering information</b></p> <table border="1"> <thead> <tr> <th>Order number</th> <th>Gloss level</th> <th>Gloss classification</th> <th>Container size</th> </tr> </thead> <tbody> <tr> <td>UU 75830</td> <td>4 - 7</td> <td>dull matt</td> <td>25 kg</td> </tr> </tbody> </table>	Order number	Gloss level	Gloss classification	Container size	UU 75830	4 - 7	dull matt	25 kg																								
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Hesse UV Top coat UU 7587x(gloss level), diamond finish	<ul style="list-style-type: none"> <li>• diamond finish</li> <li>• very good scratch resistance properties</li> <li>• flame-retardant according to DIN EN 13501 Bfl-S1</li> </ul>	<p>UV Top coat UU 7587x(gloss level), diamond finish is a resistant top coat for parquet surfaces. This top coat also offers good application properties and great levelling. Our product can be used to create flame retardant floors and is resistant to mechanical and chemical demands.</p> <p><b>Ordering information</b></p> <table border="1"> <thead> <tr> <th>Order number</th> <th>Gloss level</th> <th>Gloss classification</th> <th>Container size</th> </tr> </thead> <tbody> <tr> <td>UU 75871</td> <td>4 - 7</td> <td>dull matt</td> <td>25 kg</td> </tr> <tr> <td>UU 75874</td> <td>18 - 23</td> <td>semi matt</td> <td>25 kg</td> </tr> <tr> <td>UU 75876</td> <td>30 - 39</td> <td>satin gloss</td> <td>25 kg</td> </tr> </tbody> </table>	Order number	Gloss level	Gloss classification	Container size	UU 75871	4 - 7	dull matt	25 kg	UU 75874	18 - 23	semi matt	25 kg	UU 75876	30 - 39	satin gloss	25 kg																
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Hesse UV Top coat for roller coating UU 7563x(gloss level), diamond finish	<ul style="list-style-type: none"> <li>• suitable for sports floors</li> <li>• uses renewable raw materials</li> </ul>	<p>Top coat for coating floors, also suitable for sports floors. This product is specifically formulated using renewable raw materials. Our UV top coat for roller coating is particularly suitable for achieving open- to closed-pore finishes with especially good scratch resistance.</p> <p><b>Ordering information</b></p> <table border="1"> <thead> <tr> <th>Order number</th> <th>Gloss level</th> <th>Gloss classification</th> <th>Container size</th> </tr> </thead> <tbody> <tr> <td>UU 75631</td> <td>4 - 7</td> <td>dull matt</td> <td>25 kg</td> </tr> <tr> <td>UU 75635</td> <td>24 - 29</td> <td>semi matt</td> <td>25 kg</td> </tr> </tbody> </table>	Order number	Gloss level	Gloss classification	Container size	UU 75631	4 - 7	dull matt	25 kg	UU 75635	24 - 29	semi matt	25 kg																				
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# EXCIMER LACQUERS

It needs to be dull matt, but also high mechanical and chemical resistant! Your customers will be amazed by the benefits of Excimer technology: it provides extremely matt lacquer surfaces that make your parquet appear to be untreated, yet it gives the wood the greatest possible protection. Microscopic folds on the surface achieved using this special radiation technology ensure a dull matt gloss level below 5 gloss.

## Product

Hesse UV Excimer  
Top coat UU 74190,  
clear

## Features

- extremely matt
- insensitive to micro-scratching
- top DIN 68861 1A chemical resistance
- no formation of glossy areas

## Use

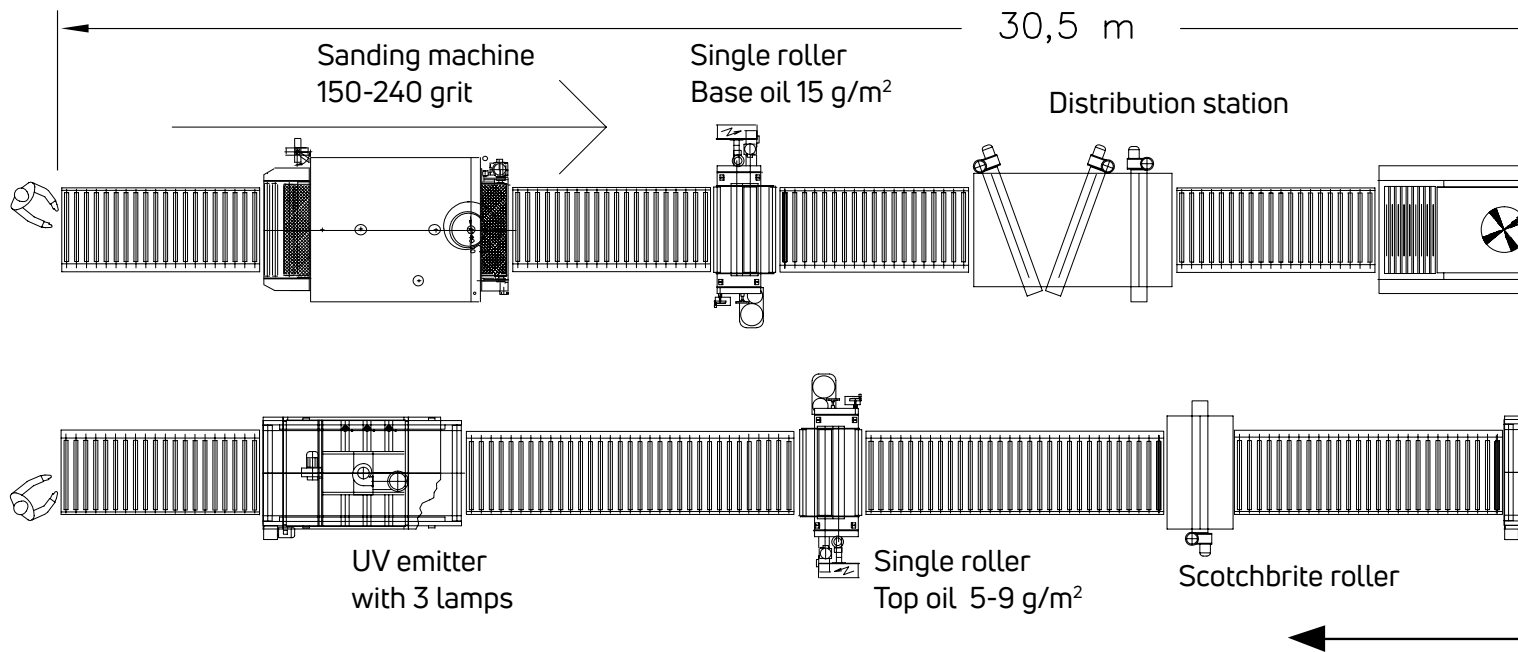
Using this excimer lacquer creates ultra-matt surfaces that are robust and absolutely suitable for everyday use to the delight of your clientele. It is classified according to DIN EN 16094 Part B in stress group MSR B1 as providing surfaces that are very resistant to scratching. No fingerprints remain on the pleasantly tactile surface (anti-fingerprint).

## Ordering information

Order number	Gloss level	Gloss classification	Container size
UU 74190	2 - 5	dull matt	25 kg

# OXI-REAKTIV-SYSTEM

Achieve an oiled finish on your parquet with the shortest drying times



## Product

Hesse  
Oxi-Reactive-Top  
oil for roller  
coating RO 79912

## Features

- solvent-free (no VOCs)
- extremely scratch resistant
- immediately stackable
- natural oil
- free from acrylates

## Use

Hesse Oxi-Reactive-Top oil RO 79912 is a solvent-free oil for roller application that can be used to produce oiled wood surfaces extremely efficiently in the industrial sector. Activation of the oil using UV radiation means that the product can be stacked directly within the process. The surface is characterised by its extremely good scratch and abrasion resistance.

### Ordering information

Order number: RO 79912  
Container size: 25 kg

Hesse Oxi-Re-  
active-Base oil  
for roller coating  
ROG 7985

- VOC-free
- ISO 22196 antibacterial properties
- DIN 53429 diffusion values
- free from formaldehyde
- free from acrylates

UV-activated base oil containing natural oils, clear, ready-to-use. Conforms with the requirements for naturalness according to ÖNORM C 2380. This is a natural oil, yet it can be applied using conventional UV coating systems and can even be further processed immediately after UV activation.

### Ordering information

Order number: RO 7985  
Container size: 25 kg

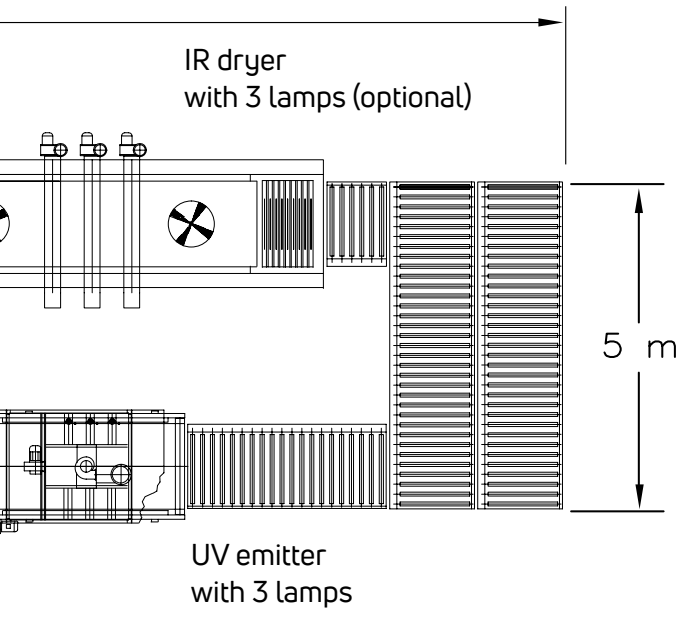
Hesse Oxi-  
Reactive-Top oil  
for roller coating  
RO 79861

- ISO 22196 antibacterial properties
- DIN 53429 diffusion values
- free from formaldehyde
- free from acrylates

Hesse Oxi-reactive oil for roller coating generates a beautiful natural wood look and provides highly resistant and lasting protection for your products. It features rapid curing and great scratch resistance. This product is comparable with conventional UV coatings in terms of application and suitability for immediate packaging on industrial production plants. Conforms with the requirements for naturalness according to ÖNORM C 2380.

### Ordering information

Order number: RO 79861  
Container size: 25 kg



- high resistance and lasting protection
- packable in less than 6 minutes
- optimised processes save time and costs
- products made using natural oils
- excellent scratch and abrasion resistance



# OXI-REAKTIV-SYSTEM

Colourless or coloured? Both are possible with the Hesse Oxi-Reactive Oil range for roller application

	Base oils	Cover oils	Advantages
Colourless ex works	<b>ROG</b> A colourless base oil. <b>RWOG</b> Base oil for advance coating on alkaline substrates like smoked oak or thermally modified wood	<b>RO</b> A colourless top oil. This is used to applied on base oil ROG/ RWOG, or as base and top oil in one	<ul style="list-style-type: none"><li>• All-in-one finishes are possible using our RO product</li><li>• flexible tinting using ROZ colour pastes, e.g. to compensate colour tone differences in the substrate</li></ul>
Coloured ex works	<b>ROP</b> A tinted base oil.	<b>ROB</b> A tinted top oil for creating special effects.	<ul style="list-style-type: none"><li>• Reproducible colour tones</li><li>• ready-to-use</li><li>• easy handling</li></ul>



# UV oils

Product	Features	Use	
Hesse UV Oil Finish for roller coating UE 79890-0001 with flame retardancy	<ul style="list-style-type: none"> <li>for coating panels and floors as a natural wood effect on all conventional woods</li> </ul>	UV-curing product based on oil-modified acrylate resins, dull matt, clear, ready-to-use. This UV oil finish for roller coating is suitable for basecoats and top coats to achieve fire protection coatings.	
<b>Ordering information</b>			
Order number UE 79890-0001	Gloss level 0 - 3	Gloss classification dull matt	Container size 25 kg

# Oxidatively drying oils

Product	Features	Use
Hesse NATURAL-SOLID-OIL GE 12356-0002	<ul style="list-style-type: none"> <li>very fast drying hard oil wax</li> <li>free from siccatives containing lead and cobalt</li> <li>for normal to heavy demands in living areas</li> </ul>	This hard oil wax is a mixture of extremely low-solvent and low-odour, highsolid natural oils combined with natural waxes. Particularly suitable for creating low-emission parquet floors.
<b>Ordering information</b>		
Order number	GE 12356-0002	
Container size	25 l	
Hesse COLOR-SOLID-OIL GB 1125x(gloss level)- (colour tone)	<ul style="list-style-type: none"> <li>fast-drying natural oil</li> <li>low-solvent, therefore a pleasant odour</li> <li>good chemical resistance</li> </ul>	A coloured, extremely low-solvent and low-odour natural oil with high solids and outstanding mechanical and chemical resistance. For creating exclusive coloured wooden surfaces with normal to high use in interiors. Easy to apply and free from siccatives containing lead and cobalt. Can optionally be hardened.
<b>Ordering information</b>		
Order number	GB 1125x(gloss level)-(colour tone)	
Container size	25 l	



GB 11252-080 chestnut



GB 11252-081 smokey oak



GB 11252-012 almond



GB 11252-010 vanille



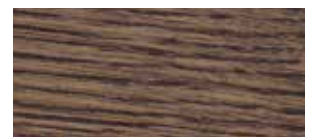
GB 11252-011 honey



GB 11252-071 blue grey



GB 11252-020 apricot



GB 11252-070 modern grey



GB 11252-090 white peach



# Parquet cleaning agent

Product	Features	Use	Ordering information
Hesse PROTECT-CLEANER PR 90	<ul style="list-style-type: none"><li>• water-dilutable parquet care product</li><li>• good care effects, even at low concentrations</li><li>• biodegradable</li></ul>	A concentrated cleaning and care product based on pH-neutral and biodegradable surfactants. For minor soiling: dilute the cleaning agent with water at a ratio of 1 : 100 (100 ml in 10 litres of water). Intensive cleaning / care: higher dosage up to a maximum of 1 : 10 (100 ml in 1 litre of water). Apply the cleaning and care solution using a lightly impregnated cloth or mop. The wiped surface does not require any subsequent treatment. The surface is resilient immediately after drying.	Order number: PR 90 Container size: 1 l
Hesse INTENSIVE-CLEANER PR 91	<ul style="list-style-type: none"><li>• water-dilutable intensive cleaner</li><li>• strong cleaning power</li><li>• biodegradable</li></ul>	Cleaning agent for wooden floors that is pH neutral and based on biodegradable surfactants, with strong cleaning power. Apply PR 91 diluted with water. Intensive cleaning: for heavier soiling add up to a maximum of 1 : 10 (100 ml of PR 91 to 1 l of water). To clean HYDRO lacquer surfaces or in the case of minor soiling, add 1 : 500 (20 ml of PR 91 to 10 l of water).	Order number: PR 91 Container size: 1 l

# Care plan for industrial parquet surfaces

	oiled, whitish	oiled, natural-coloured	sealed
Cleaning	PROTECT-CLEANER PR 90		
Intensive cleaning	INTENSIVE-CLEANER PR 91		
Refresh	Care oil OB 52542-0077	Care oil OB 52542-0070	AQUA-REFRESHER OE 5670 AQUA-REFRESHER matt OE 5670-0001

## Parquet maintenance

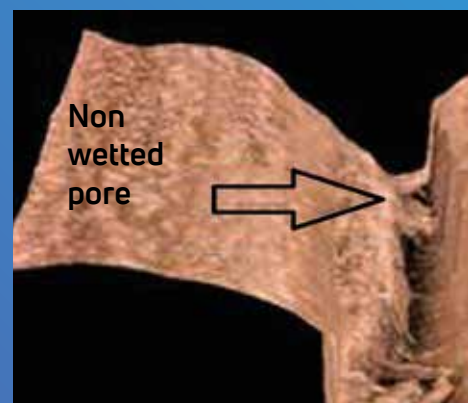
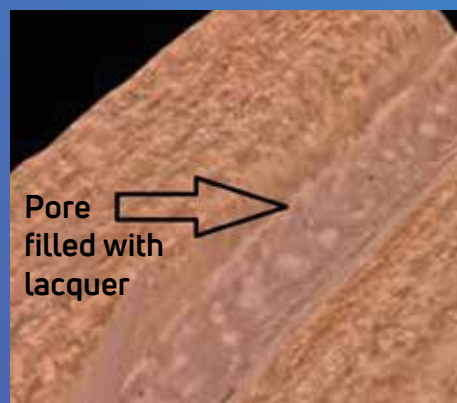
Product	Features	Use	Ordering information
Hesse Care oil OB 52542-0070	<ul style="list-style-type: none"> <li>• refresh for oiled parquet-flooring</li> <li>• simple application</li> <li>• very economical</li> <li>• ensures your floor enjoys a long service life</li> </ul>	Use this care oil to refresh the parquet layer on oiled parquet floors and give them a new shine. It simultaneously ensures value retention and a long service life of the parquet.	Order number: OB 52542-0070 Container size: 1 l
Hesse Care oil OB 52542-0077, white	<ul style="list-style-type: none"> <li>• for parquet floors oiled with a white shade</li> <li>• retains the value of surfaces</li> <li>• simple application</li> </ul>	This white care oil is ideal for value retention of light oiled parquet floors. Its easy application convinces even professional parquet installers and ensures happy end customers.	Order number: OB 52542-0077 Container size: 1 l
Hesse AQUA-REFRESHER OE 5670	<ul style="list-style-type: none"> <li>• water-dilutable parquet care product</li> <li>• eco-friendly</li> <li>• economical</li> </ul>	This is an eco-friendly care product for high-demand surfaces finished with 2C HYDRO finishes, UV oils, UV lacquers and oxi-reactive oil systems from the Hesse parquet range. The surface will be refreshed by using Hesse AQUA-REFRESHER. Scratched and dull surfaces are made presentable again and further wear and tear is retarded.	Order number: OE 5670 Container size: 1 l
Hesse AQUA REFRESHER OE 5670-0001 matt	<ul style="list-style-type: none"> <li>• water-dilutable</li> <li>• for matt parquet flooring</li> <li>• retards wear</li> </ul>	This is an extremely matt care product that refreshes matt parquet flooring. So the floor retains its matt appearance even after treatment. Suitable for prefabricated parquet flooring coated with UV lacquers or treated with oxi-reactive oils.	Order number: OE 5670-0001 Container size: 1 l

# PoreGuard

- also coats the pores, not just the surface
- open-pore appearance
- sophisticated pore accentuation, not bulging
- easy to clean
- for durable floors
- for modern UV rolling lines



The problem with coating of brushed woods via roller application is that either the pores take on an unnatural appearance due to partial filling, or they are not completely wetted in the case of open-pore coating. The desired pore accentuation is lost in the first case. The second case can result in dark discoloration of the wood pores during use as parquet, which cannot be eliminated by normal cleaning routines.





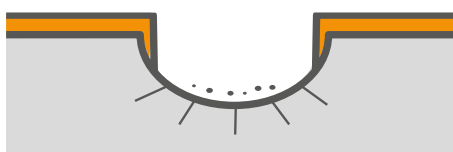
## » POREGUARD – no more concerns regarding soiled pores «

This newly patented procedure enables the pores to be coated using conventional, slightly modified rolling equipment and a coordinated coating concept in such a way that the flanks and the base of the pores are also coated and thus become insensitive to soiling.

This involves the lacquer being pressed into the pores and partially removed again by brushing, which restores the natural-looking, open-pored appearance.

This now opens up the possibility for the contract sector to also use structured parquet flooring in highly frequented areas.

As is evident from the microscopy images, the pore wall is completely coated with lacquer, so there are no longer any bare areas that can be discoloured by dirt.



without POREGUARD



with POREGUARD

# Sustainable parquet flooring

Sustainable parquet flooring is becoming increasingly important for environmentally conscious customers. We want to ensure that you have a suitable answer to the question of sustainable surface finishes, so we have particularly eco-friendly lacquers and oils in our range: be it due to a high proportion of renewable raw materials or by means of a particular formulation for healthy living.



## Surface treatment using renewable raw materials

- finishes with oxidatively drying oils like GE 12356-0002 CEROL
- oxi-reactive oil system with natural oils, e.g. RO 79861
- UV lacquers with binders made from renewable raw materials: UG 7455 UV Basecoat for roller coating and UU 75635 UV Top coat for roller coating Diamond finish

## Products for healthy living

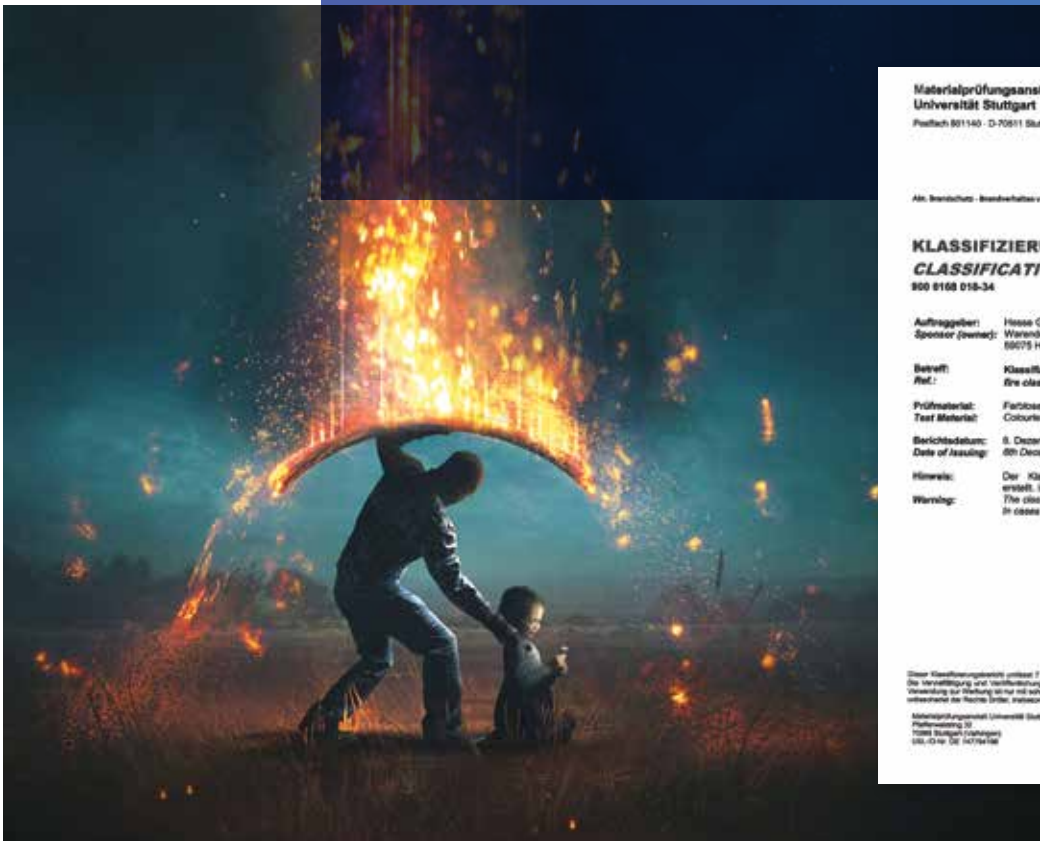


The ECO Institute is now testing many construction products for pollutants and emissions. We too see consumer safety as a high priority. So our range includes a large number of products that you can use to produce ECO-compliant parquet flooring.

# Parquet lacquers for flame retardant sealants

- Bfl-s1 fire performance classification according to EN 13501
- products used:
  - HUW 8888 HYDRO-UV Basecoat for roller coating
  - UG 7594 UV Light putty
  - UG 7595 UV Basecoat for roller coating
  - UU 75874 UV Top coat diamond finish

» Flame retardant finishes are often required, especially in the contract sector. Hesse has developed specific products that you can use to produce flame retardant floors according to EN 13501.«



**Materialprüfungsanstalt  
Universität Stuttgart**  
Postfach 801140 - D-70511 Stuttgart

**MPA** Materialprüfungsanstalt  
Universität Stuttgart

**DAKS**  
Deutscher Akkreditationsrat  
DIN EN ISO 17025

Abk. Brandverhalten von Baustoffen / Reaktion zu Feuer Klass. Nr. / Brand Nr. s1p0

**KLASSIFIZIERUNGSBERICHT  
CLASSIFICATION REPORT**  
800 8168 018-34

**Auftraggeber:** Hesse GmbH & Co. KG  
**Sponsor (Zweck):** Warendorfer Straße 21  
50075 Hainn

**Betreff:** Klassifizierung des Brandverhaltens nach **DIN EN 13501-1**  
Die Klassifizierung acc. to **EN 13501-1**

**Prüfmateriale:** Farbloses UV-Mehrschicht-Parkettlacksystem  
**Test Materiale:** Coburless UV multilayer parquet varnish system

**Berichtsdatum:** 8. Dezember 2018  
**Date of Issuing:** 8th December 2018

**Hinweis:** Der Klassifizierungsbericht wurde zweisprachig (Deutsch/ englisch) erstellt. In Zweifelsfällen ist der deutsche Wortlaut maßgeblich.  
**Warning:** The classification report is issued bilingual (German and English). In case of doubt, the German wording is valid.

Dieser Klassifizierungsbericht umfasst 7 Tabellen und 1 Anlage. Tabellen und Anlagen sind mit unserem Druckvermerk versehen. Die Verantwortlichkeit und Verantwortlichkeit des Klassifizierungsberichts, soweit es nicht als nachträglich geändert wurde, ist die Verantwortung der Abteilung für die Durchführung der MPA. Unverändert bestätigt. Der Klassifizierungsbericht wird elektronisch im Bereich: Internet unter: [www.mpa.uni-stuttgart.de](http://www.mpa.uni-stuttgart.de), [www.daks.de](http://www.daks.de) und [www.enr.de](http://www.enr.de) veröffentlicht.

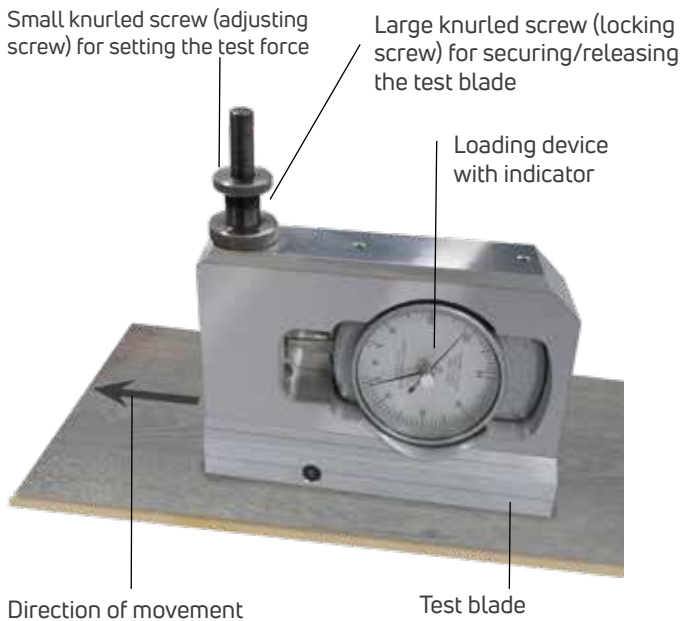
Materialprüfungsanstalt Universität Stuttgart  
Postfach 801140 - D-70511 Stuttgart  
Telefon: (0714) 893-0  
Telefax: (0714) 893-4000  
Internet: [www.mpa.uni-stuttgart.de](http://www.mpa.uni-stuttgart.de)

StV-Abt. Stuttgart 1.0294  
Ruf-Nr. 7 877 521 887 - B.Z. 893 501 81  
BANK: DE33 2512 0510 0001 0001 0001 0001  
BIC: BFSW33HAN

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# Parquet testing

Scratch tester, "Hamberger plane" model



**We attach great importance to high durability in the lacquer layer when we develop our parquet lacquers. That is why a large number of tests are conducted in our Hesse testing laboratory.**



Cross cutting test (according to DIN EN ISO 2409): examination of the bond



Micro-scratching according to EN 16094 applications: laminate, floor coverings, high-pressure laminate, high-gloss or polished surfaces



Taber test: determination of abrasion resistance according to various standards

## **Disclaimer**

Our technical information is continually adapted to keep up to date with the latest technology and statutory regulations. The latest version is always available online at [www.hesse-lignal.de](http://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 is not legally binding. We also refer you to our Terms and Conditions. Material safety data sheet is provided in accordance with EC regulation no. 1907/2006.

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**Hesse Lignal**  
inspiring you

Hesse GmbH & Co. KG  
Warendorfer Str. 21  
D-59075 Hamm  
Tel. +49 2381 963 00  
Fax +49 2381 963 849  
info@hesse-lignal.de  
www.hesse-lignal.com

