

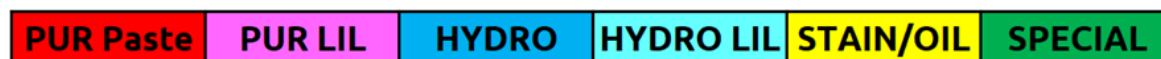


**Paint  
Express**

## **The color mixing system for stains, oils and varnishes**

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### **Databases**



HYDRO 1C  
HYDRO-UV



## Modular COOL-COLOR system

Our COOL-COLOR HYDRO-Colour lacquer is characterized by its elegant surface finish, which imparts good scratch resistance and durability. This light fast 1C acrylic-based colour lacquer also offers high opacity. The product is very versatile and is suitable for priming and top coating. Its low VOC content also makes this product suitable for "Green Building" projects. It is also classified as low-flammable according to DIN EN 13501-1.

<b>HB 65285-(colour tone)</b>	<b>COOL-COLOR silk matt</b>	
Our modular COOL-COLOR system can be used to produce the following products:		
Standard products		Additive required
HB 65282-(colour tone)	COOL-COLOR matt	HZ 93
HB 65287-(colour tone)	COOL-COLOR satin gloss <i>(only paste production)</i>	
HB 65782-(colour tone)	COOL-COLOR Pearl structure velvety fine	HZ 95
HB 65882-(colour tone)	COOL-COLOR Pearl structure fine	HZ 96
HB 65892-(colour tone)	COOL-COLOR Pearl structure medium	HZ 97
HB 65902-(colour tone)	COOL-COLOR Pearl structure coarse	HZ 98
HB 65824-(colour tone)	COOL-COLOR for painting by brush	HZ 71

Base materials	
<b>Paste production</b>	Clear base lacquer <b>HBM 65285-0901 silk matt</b>
	Clear base lacquer <b>HBM 65287-0901 satin gloss</b>
	Colour pastes <b>HFM 135, HFM 166, HFM 195, HFM 205, HFM 315, HFM 355, HFM 395, HFM 435, HFM 455, HFM 535, HFM 615, HFM 985, HFM 995</b> 1
<b>Lacquer-in-lacquer production</b>	Base lacquer <b>HB 65285-100, HB 65285-101, HB 65285-102, HB 65285-103, HB 65285-104, HB 65285-105, HB 65285-106, HB 65285-107, HB 65285-109, HB 65285-201, HB 65285-208, HB 65285-210, HB 65285-308</b>

## FABULAC HYDRO-UV Colour lacquer

Hesse FABULAC is the HYDRO-UV Colour lacquer for all industrial applications where very good resistance is required. FABULAC is a water-based and UV-hardened lacquer system that sets new standards in terms of feel, resistance and ready-for-use properties. Superbly opaque surfaces can be achieved in all colour ranges by using the dual-cure process with the addition of a hardener.

<b>HUB 855-(colour tone)</b>	FABULAC silk matt	(Database "Special")
<b>HUB 85515-(colour tone)</b>	FABULAC silk matt	(Database "Special")

Base materials	
<b>Lacquer-in-lacquer production</b>	Base lacquers: <b>HUB 855-135, HUB 855-166, HUB 855-180, HUB 855-195, HUB 855-255, HUB 855-315, HUB 855-355, HUB 855-395, HUB 855-435, HUB 855-455, HUB 855-535, HUB 855-615, HUB 855-985, HUB 855-995</b>

## Modular COOLPRO-COLOR system

COOLPRO-COLOR is a high-quality, water-based color lacquer that guarantees exceptional color stability and high opacity thanks to its advanced formulation. The surface impresses with its elegant appearance and excellent water, scratch and chemical resistance.

COOLPRO-COLOR enables direct coating on paintable, well-sanded film-coated MDF surfaces and edges. Optional hardening with HYDRO Hardener HDR 5094 enables high-quality glass coatings and extends the fields of application of COOLPRO-COLOR.

### HDB 54285-(colour tone)

### COOLPRO-COLOR silk matt

Our modular COOLPRO-COLOR system can be used to produce the following products:

#### Standard products

#### Additive required

HDB 54282-(colour tone)	COOLPRO-COLOR matt	HZ 93
HDB 54287-(colour tone)	COOLPRO-COLOR satin gloss (only paste production)	
HDB 54782-(colour tone)	COOLPRO-COLOR Pearl structure velvety fine	HZ 95
HDB 54882-(colour tone)	COOLPRO-COLOR Pearl structure fine	HZ 96
HDB 54892-(colour tone)	COOLPRO-COLOR Pearl structure medium	HZ 97
HDB 54902-(colour tone)	COOLPRO-COLOR Pearl structure coarse	HZ 98
HDB 57515-(colour tone)	COOLPRO-COLOR for painting by brush	HZ 71

Base materials	
Paste production	Clear base lacquer <b>HBM 65285-0901 silk matt</b>
	Clear base lacquer <b>HBM 65287-0901 satin gloss</b>
	<b>BOOSTER HZ 91</b>
	Colour pastes <b>HFM 135, HFM 166, HFM 195, HFM 205, HFM 315, HFM 355, HFM 395, HFM 435, HFM 455, HFM 535, HFM 615, HFM 985, HFM 995-1</b>
Lacquer-in-lacquer production	Base lacquer <b>HB 65285-100, HB 65285-101, HB 65285-102, HB 65285-103, HB 65285-104, HB 65285-105, HB 65285-106, HB 65285-107, HB 65285-109, HB 65285-201, HB 65285-208, HB 65285-210, HB 65285-308</b>
	<b>BOOSTER HZ 91</b>



## Modular PERFECT-COLOR system

Our Hesse PERFECT-COLOR results in an excellent colour lacquer surface, which is particularly resistant to mechanical and chemical stress. Its excellent flow properties mean that PERFECT-COLOR is easy to apply. Its rapid complete drying, plus the possibility of forced drying, make it possible to stack or further process even heavy workpieces the very next day. Hesse PERFECT-COLOR HDB 5434x(gloss level)-(colour tone) is a top rate, light fast Multicoat lacquer for priming and top coating.

### HDB 54345-(colour tone)

### PERFECT-COLOR silk matt

Our modular PERFECT-COLOR can be used to produce the following products:

#### Standard products

#### Additive required

HDB 54342-(colour tone)	PERFECT-COLOR matt	HZ 93
HDB 54347-(colour tone)	PERFECT-COLOR satin gloss	
HDB 54452-(colour tone)	PERFECT-COLOR Pearl velvety fine	HZ 95
HDB 54462-(colour tone)	PERFECT-COLOR Pearl structure fine	HZ 96
HDB 54472-(colour tone)	PERFECT-COLOR Pearl structure medium	HZ 97
HDB 54482-(colour tone)	PERFECT-COLOR Pearl structure coarse	HZ 98

Base materials	
Paste production	Clear base lacquer <b>HDM 54342-0901 matt</b>
	Clear base lacquer <b>HDM 54345-0901 silk matt</b>
	Clear base lacquer <b>HDM 54347-0901 satin gloss</b>
	Colour pastes <b>HFM 135, HFM 166, HFM 195, HFM 205, HFM 315, HFM 355, HFM 395, HFM 435, HFM 455, HFM 535, HFM 615, HFM 985, HFM 995-1</b>

## PERFECT-SOFT-COLOR

The coloured, velvety-soft PERFECT-SOFT-COLOR impresses with its low gloss and very good mechanical resistance. The dull matt soft-touch surface ensures a pleasant feel and follows the current zeitgeist in surface design. The wide range of adjustable color tones makes PERFECT-SOFT-COLOR a flexible design option for everyday surfaces

**HDB 54650-(colour tone)**

**PERFECT-SOFT-COLOR dull matt**

Base materials	
<b>Paste production</b>	Clear base lacquer <b>HDM 54650-0901 dull matt</b>
	Colour pastes <b>HFM 135, HFM 166, HFM 195, HFM 205, HFM 315, HFM 355, HFM 395, HFM 435, HFM 455, HFM 535, HFM 615, HFM 985, HFM 995-1</b>

## PERFECT-COLOR Glass colour lacquer

A particularly colour stable PERFECT-COLOR Colour lacquer, which has been specifically developed for coating glass in the spraying process. Its innovative formula makes this product extremely light fast and opaque. An opaque colour lacquer layer with uniform pigment distribution can thus be achieved with just a small application quantity. You achieve an extremely waterproof and scratch-resistant glass lacquer surface that is also highly resistant to chemical and mechanical demands. Forced drying makes it possible to harden the surface within a few minutes.

**HDB 57485-(colour tone)**

**PERFECT-COLOR Glass colour lacquer**

Base materials	
<b>Paste production</b>	Clear base lacquer <b>HDM 57485-0901 silk matt</b>
	Colour pastes <b>HFM 135, HFM 166, HFM 195, HFM 205, HFM 315, HFM 355, HFM 395, HFM 435, HFM 455, HFM 535, HFM 615, HFM 985, HFM 995-1</b>

## Modular FANTASTIC-COLOR system

FANTASTIC-COLOR is a light fast and very balanced two-component colour lacquer with an impressive opacity and fast drying. This acrylic-based product is particularly characterised by its outstanding ability to stay on vertical surfaces, combined with its excellent levelling on a horizontal surface. FANTASTIC-COLOR is suitable for top coating and is therefore the ideal colour lacquer for very sophisticated and high-quality colour lacquer finishes with an impressive feel and ring-resistance. It is also possible to apply FANTASTIC-COLOR directly onto sanded, bare MDF edges and surfaces.

### **DB 48885-(colour tone) FANTASTIC-COLOR silk matt**

Our modular FANTASTIC COLOR can be used to produce the following products:

#### Standard products

		Additive required
DB 48882-(colour tone)	FANTASTIC-COLOR matt	EL 459-0099
DB 48887-(colour tone)	FANTASTIC-COLOR satin gloss	EL 460-0028
DB 42301-(colour tone)	FANTASTIC-COLOR Pearl structure coarse	EL 460-0029
DB 42361-(colour tone)	FANTASTIC-COLOR Pearl structure fine	EL 460-0030
DB 42395-(colour tone)	FANTASTIC-COLOR Glass colour lacquer	EL 460-0025

#### Special products ("Special" database)

DB 42381-(colour tone)	FANTASTIC-COLOR Pearl structure very fine	EL 460-0045
DB 42284-(colour tone)	FANTASTIC-COLOR Spatter effect	ZD 3596

Base materials	
<b>Paste production</b>	Clear base lacquer DBM 48884-0901
	Colour pastes <b>LPM 4810, LPM 4813, LPM 4814, LPM 4815, LPM 4820, LPM 4830, LPM 4834, LPM 4835, LPM 4840, LPM 4845, LPM 4850, LPM 4855, LPM 4860, LPM 4896</b>
	Colour paste white LPM 4171
	optional: white base lacquer <b>DBM 48884-0122</b>
<b>Lacquer-in-lacquer production</b>	Base lacquer white <b>DB 48885-100</b> Base lacquer coloured <b>DB 48885-101, DB 48885-102, DB 48885-103, DB 48885-104, DB 48885-105, DB 48885-106, DB 48885-109, DB 48885-110, DB 48885-201, DB 48885-207, DB 48885-208, DB 48885-210, DB 48885-308, DB 48885-501</b>

## Modular UNA-COLOR system

UNA-COLOR is an acrylic-based PU Colour lacquer with excellent lacquer levelling. Its superb adhesion to almost all substrates, uncomplicated processing and a pot life of 3 days make this colour lacquer ideally suited for universal use.

### **DB 45245-(colour tone)                      UNA-COLOR silk matt**

Our modular UNA-COLOR can be used to produce the following products:

Standard products Additive required

	DB 45242-(colour tone)	UNA-COLOR matt	EL 459-0099
	DB 45247-(colour tone)	UNA-COLOR satin gloss	EL 460-0028
	DB 42105-(colour tone)	UNA-COLOR Glass lacquer, silk matt	EL 460-0025
	DB 42214-(colour tone)	UNA-COLOR Pearl structure fine	EL 460-0030
	DB 42822-(colour tone)	UNA-COLOR Pearl structure coarse	EL 460-0029
	DB 45575-(colour tone)	UNA-COLOR ring proof, silk matt	EL 460-0046

Special products (database "Special")

	DB 45240-(colour tone)	UNA-COLOR dullmatt	EL 459-0099
	DB 42251-(colour tone)	UNA-COLOR Pearl structure medium	EL 460-0043
	DB 46451-(colour tone)	UNA-COLOR Pearl structure very fine	EL 460-0045
	DB 46125-(colour tone)	UNA-COLOR for brushing, silk matt	EL 460-0048
	CLM 138-(colour tone)	UNA-COLOR Pigment glaze	CZ 735

Base materials	
<b>Paste production</b>	Clear base lacquer <b>DBM 42994-0901</b>
	Colour pastes <b>LPM 4810, LPM 4813, LPM 4814, LPM 4815, LPM 4820, LPM 4830, LPM 4834, LPM 4835, LPM 4840, LPM 4845, LPM 4850, LPM 4855, LPM 4860, LPM 4896</b>
	Colour paste white LPM 4171
<b>Lacquer-in-lacquer production</b>	Base lacquer white <b>DB 45245-100</b> Base lacquer coloured <b>DB 42995-101, DB 42995-102, DB 42995-103, DB 42995-104, DB 42995-105, DB 42995-106, DB 42995-109, DB 42995-110, DB 42995-201, DB 42995-207, DB 42995-208, DB 42995-210, DB 42995-308, DB 42995-501</b>

## Modular UNA-THIX-COLOR system

UNA-THIX-COLOR is a light fast PU Colour lacquer featuring a thixotropic lacquer formulation for simple processing on vertical surfaces or components. Its superb adhesion to almost all substrates, uncomplicated processing and a pot life of 3 days make this colour lacquer ideally suited for universal use. DB 45205-(colour tone) is recoatable using all common light fast Multicoat and top coat lacquers to obtain optimum ring-resistance.

### DB 45205-(colour tone)      UNA-THIX-COLOR silk matt

Our modular UNA-THIX-COLOR can be used to produce the following products:

Standard products		Additive required
DB 45202-(colour tone)	UNA-THIX-COLOR matt	EL 459-0099
DB 45207-(colour tone)	UNA-THIX-COLOR satin gloss	EL 460-0028
DB 42684-(colour tone)	UNA-THIX-COLOR Pearl structure fine	EL 460-0030
DB 42862-(colour tone)	UNA-THIX-COLOR Pearl structure coarse	EL 460-0029
DB 45975-(colour tone)	UNA-THIX-COLOR ring proof, silk matt	EL 460-0046
DB 46135-(colour tone)	UNA-THIX-COLOR for brushing	EL 460-0048
DB 45645-(colour tone)	UNA-THIX-COLOR Glass colour lacquer, silk matt	EL 460-0025
Special products (database "Special")		
DB 45200-(colour tone)	UNA-THIX-COLOR dullmatt	EL 459-0099
DB 45851-(colour tone)	UNA-THIX-COLOR Pearl structure medium	EL 460-0044
DB 46181-(colour tone)	UNA-THIX-COLOR Pearl structure very fine	EL 460-0045

Base materials	
Paste production	Clear base lacquer <b>DBM 42994-0903</b>
	Colour pastes <b>LPM 4810, LPM 4813, LPM 4814, LPM 4815, LPM 4820, LPM 4830, LPM 4834, LPM 4835, LPM 4840, LPM 4845, LPM 4850, LPM 4855, LPM 4860, LPM 4896</b>
	Colour paste white LPM 4171
Lacquer-in-lacquer production	Base lacquer white <b>DB 45205-100</b> Base lacquer coloured <b>DB 42995-101, DB 42995-102, DB 42995-103, DB 42995-104, DB 42995-105, DB 42995-106, DB 42995-109, DB 42995-110, DB 42995-201, DB 42995-207, DB 42995-208, DB 42995-210, DB 42995-308, DB 42995-501</b>



## Modular CREATIVE-METALLIC system

Use Hesse CREATIVE-METALLIC Colour lacquer to design unique interior fittings and to coat furniture and doors. Create the most attractive metallic effects with coarse to fine metallics, from silver, copper and gold tones to modern coloured metallics. The associated CREATIVE-METALLIC colour chart contains depictions of 112 different colour tones that reveal the full diversity of this system. All of the lacquers in this range can of course be mixed with each other to achieve an almost unlimited variety of effects.

### DB 46555-(colour tone) CREATIVE-METALLIC silk matt

Our modular CREATIVE-METALLIC system can be used to produce the following products:

Special products (database "Special")

	DB 46552-(colour tone)	CREATIVE-METALLIC matt	EL 459-0099
	DB 46557-(colour tone)	CREATIVE-METALLIC satin gloss	EL 460-0028

Base materials	
	<b>DB 46555-MC01</b> Silver Coarse
	<b>DB 46555-MM01</b> Silver Medium
	<b>DB 46555-MF01</b> Silver Fine
	<b>DB 46555-GD01</b> Gold
	<b>DB 46555-CU01</b> Copper
	Colour pastes <b>LPM 4810, LPM 4813, LPM 4814, LPM 4815, LPM 4820, LPM 4830, LPM 4834, LPM 4835, LPM 4840, LPM 4845, LPM 4850, LPM 4855, LPM 4860, LPM 4896</b>

## BRILLANT-COLOR

DB 44099-(colour tone) is a coloured high gloss lacquer featuring impressive lacquer levelling. This powerful filling product dries to be highly brilliant with a high gloss, combined with optimal sanding/polishing properties. Our coloured high gloss lacquer is available in almost all colour tones.

### DB 44099-(colour tone) BRILLANT-COLOR (database "Special")

Base materials	
	Clear base lacquer <b>DBM 44099-0901</b>
	Colour pastes <b>LPM 4810, LPM 4813, LPM 4814, LPM 4815, LPM 4820, LPM 4830, LPM 4834, LPM 4835, LPM 4840, LPM 4845, LPM 4850, LPM 4855, LPM 4860, LPM 4896</b>
	Colour paste white <b>LPM 4870</b>

## Protterra COLOR-SOLID-OIL

A coloured, extremely low solvent and mild smelling HIGH-SOLID natural oil with outstanding mechanical and chemical resistance. For creating exclusive coloured surfaces on wood with normal to high use in interiors. Easy to apply, fast-drying and free from cobalt- and lead-containing siccatives. Can optionally be hardened for even faster drying and even better resistance.

**GB 11252-(colour tone)**

**Protterra COLOR-SOLID-OIL**

Base materials	
<b>Paste production</b>	Clear oil <b>GE 11254</b>
	Colour pigments <b>OP 101, OP 103, OP 300, OP 306, OP 400, OP 405, OP 500, OP 600, OP 900, OP 8099</b>
	Colour concentrates <b>OF 8011, OF 8031, OF 8034, OF 8091</b>

## Protterra NATURAL-COLOR-OIL

Protterra NATURAL-COLOR-OIL is a fast-drying and mild smelling mixture of natural oils and natural oils modified using alkyd resins; tinted with particularly light fast special pigments. Exclusive raw material selection results in it not being subject to labelling under the latest version of the European Classification, Labelling and Packaging (CLP) Directive. It meets the requirements of EN 71-3 (11-2014) and is therefore suitable for use on children's toys. A tough-elastic, but still open-pored and breathable surface forms after drying, which has good abrasion resistance and great resistance against household chemicals.

**OE 52832-(colour tone)**

**Protterra NATURAL-COLOR-OIL**

Base materials	
<b>Paste production</b>	Clear oil <b>OE 52832</b>
	Colour pigments <b>OP 101, OP 103, OP 300, OP 306, OP 400, OP 405, OP 500, OP 600, OP 900, OP 8099</b>
	Colour concentrates <b>OF 8011, OF 8031, OF 8034, OF 8091</b>

## The BMS mixing system for HYDRO stains

### **BE (colour tone)**

#### **Precious wood stain**

Precious wood stains are formulated purely on a dyestuff base and feature a brilliant and transparent stain appearance. The structure and texture of the wood is not covered. The result is a warmer tone with deeper penetration. Coarse pored woods do not have the pores emphasized.

### **BG (colour tone)**

#### **Priming stain**

Priming stains usefully combine pigment and dyestuff properties with one another: the brilliance and luminosity of the dyestuffs are augmented by the equalisation capability and increased light fastness of the pigments. The emphasis of the pores can also be influenced at the same time.

### **BC (colour tone)**

#### **Colour stain**

Coloured stains are created based purely on pigment. Due to the use of micro-fine pigments, however, they have a higher brilliance and transparency than otherwise usual for this stain type. The wood's structure is more or less strongly covered depending on colour tone depth. Colour tones can therefore be achieved which are even lighter than the inherent wood colour.

### **WUE (colour tone)**

#### **HYDRO Multi stain, equalising**

Multi stains have been conceived for universal recoating using standard lacquer systems common in craftsmanship. They are therefore formulated based on nanoscale, ultra-fine pigments and are thus suitable for finishing with HYDRO lacquers, as well as with classic PU or NC lacquers.

### **WRB (colour tone)**

#### **HYDRO Rustic Stains**

HYDRO Rustic Stains WRB are designed for universal recoatability with the paint systems commonly used in the craftsmanship and are intended to create the strongest possible rustic pore accentuation.

### **WN / WNS (colour tone)**

#### **PICEA Softwood stain**

PICEA Softwood stain WN can be used to create brilliantly clear stain images with a positive effect. It intensifies the colour tone of the dark annual rings in coniferous wood. It is universally usable beneath solvent- and water- based lacquer systems, whereas PICEA Softwood stains WNS also contain pigments for white to pastel tones beneath PU lacquers. These latest generation dyestuffs produce vibrant but light-stable stain effects.

### **WPB (colour tone)**

#### **Parquet stain**

Parquet stains should be applied and distributed using the pad method due to the large surfaces to be coated. Parquet stains are based purely on pigments to achieve maximum light fastness. This enables universal coating, both with solvent-based and aqueous lacquer systems.

### **TW 4130-(colour tone)**

#### **HYDRO Wiping stain**

HYDRO Wiping stain is a paste-like, water-dilutable stain for open-pored or structured woods to achieve contrasting emphasis of the pores.

### **TPC 800-(colour tone)**

#### **PORECOLOR**

Hesse PORECOLOR emphasises the natural wood structure with a coloured pore accentuation. The product was specially developed for open-pored and textured woods. Application is extremely simple: whether using a brush, bale or spray gun - the result is always even and impressive. In addition, PORECOLOR can easily be painted over with water-based paints.

