BORMACOLORSYSTEM

Handy Colour









BORMACOLORSYSTEM

 $\textbf{Borma Color System} \ \ \text{has been designed to formulate colors quickly and}$ accurately, choosing from Borma collections or the most important international colour charts: a complete range of solutions to guarantee maximum management flexibility and optimize warehouse stocks





EASY MANAGING OF YOUR CUSTOMIZED COLOUR RANGE



CREATING AND SAVING YOUR RECEIPES IN A DATABASE

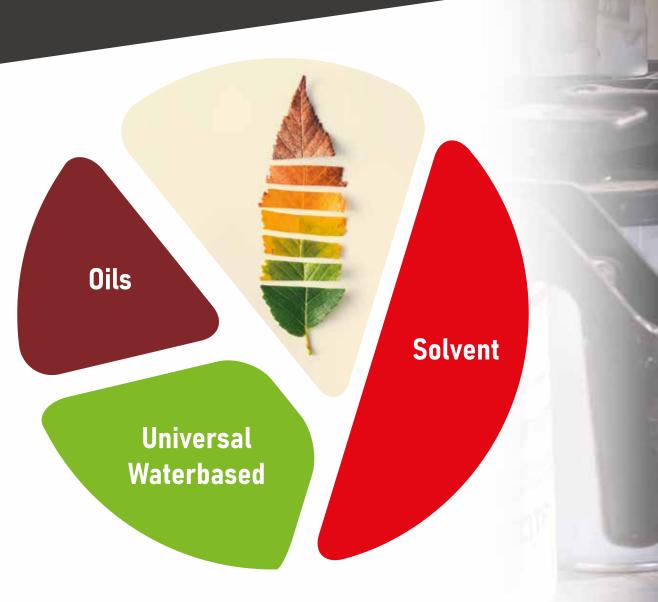




GETTING THE PERFECT TOUCH UP FOR YOUR FINISH

Pigments' Range:

Borma Color System is based on three types of tinting pastes: Oil based, Universal Waterbased and PU-A Industrial (Borma Pro range). Borma Color System helps in the managing of all tinted Borma products, including exterior woodstains, finishes, basecoats, oils, enamels and lacquers.



Solutions



Manual Tinting



Automatic Tinting



Colour match service



Customized Enamels



Industrial Lacquers







Oil-Based System



Oil-Based products are supplied both neutral and in the various colors of the color chart. With the only exception of the "Superwhites", all the colors, both opaque and semitransparent, can be obtained starting from the neutral sales version, which can be used as the only converter. In addition to the color shades, RAL and NCS colors are also available. Grundieroel Coloroil is available in special packs for tinting.

Oil-Based Pigments are ideal for dyeing oils, impregnating agents and solvent-based finishes, solvent-based enamels including anti-rust.

It is a series of 15 pastes, with unique formulations for indoors and outdoors.

Characterized by high stability and resistance to light and weather, they are also suitable for automatic dispensers.

Oil Pigments CO Series

Pigment	Density (Kg/L)	COLOR INDEX	Pigment Concentration (%)
CO00015 Red Oxide	1.73	PR101	50
C000051 White	1.82	PW6	63
C000052 Black	1,06	PBK7	20
CO00416 Violet	0,98	PV23	10
COOO293TR Yellow oxide transparent	1,1	PY42	20
CO00295TR Red oxide transparent	1,09	PR101	20
CO00653 Warm Yellow	1,1	PY139	30
C000516 Blue	1,05	PB15,4	23
CO00525 Light red	1,01	PR170	25
CO00527 Green	1,02	PG7	18
CO00834 Orange	1,09	P036	30
C000135 Pink	0,98	PR122	15
CO00593 Yellow oxide	1,42	PY42	42
CO00713 Light Yellow	1,03	PY74	25
CO00915 Dark Red	1,04	PR170	25

15 base pigments CO series	
Suitable for automatic dispensers	
Borma , RAL , NCS colour charts	
Light resistant (UV)	

APPLICATION



BORMA WACHS

Exterior Woodstains and Finishes, Solvent Based

3610 Holz Lasur

3305 Tixo Top Gel

3925 Flatting Extra Marine glossy/matt



3in1 Lasur, Solvent-Based

3320 Holzwachs Lasur 3in1

3322 Holzwachs Lasur HD50

3324 Dekorwachs Lasur 3in1

Decking Oils, Exterior Oils

4972 Decking Oil HD

4971 Terrace Oil

0360 Teak Oil

4978 Thermowood Oil

4975 Decking Oil 2k



Furniture and Parquet Oils

3910 Grundieroil Coloroil

4951 Parquet Oil Quick (also Hardwax version)

4952 Parquet Oil Plus (also Hardwax version)

4953 Parquet Oil Pro (also Hardwax version)

4902 Hard Furniture Oil

4907 Hardwax Furniture Oil

4916 Hard Top Oil 6020

4998 Eco Premium Parquet Oil

4999 Eco Premium Parquet Oil HS

4954 Parquet Oil 2k

4996 One Coat 2k Wood Oil



Solvent-Based Enamels

6900 High coverage 3in1 enamel

6990 3X1 in 1 Gel enamel

Anti-Rust Undercoat Enamels

6901 Quick drying enamel

6915 Undercoat Anti-Rust enamel

These items are availbale for tinting system in all can sizes.



Natural Oils from the Eco Life line

OL8214XX60.XX - Bio Eco Premium Oil

OL2995TR60.XX - Bios Oil

OL8223XX60.XX - Bio Eco Premium Oil

OLOO18TR60.XX - Bio Based Oil



Oils from the Hybrid Woodoil line

OL4041TRXX.XX - Hybrid Woodoil

OL8212XXXX.XX - Hybrid Woodoil

OL4043TR00.XX - Hybrid Woodoil

OL3010XX00.XX - Teak Oil

OL8210XX05.XX - Hardwax Hybridoil

OL8211XXO5.XX - Waxy Oil Stain











Universal Waterbased System

Naturaqua Woodstains, Finishes and Lasur 3in1 are supplied both neutral and in the various colours of the colour chart. With the only exception of the "Superwhites", all the colours, both opaque and semitransparent, can be obtained starting from the neutral sales version, which can be used as the only converter. In addition to the color shades, RAL and NCS colors are also available.

The enamels of the Borma Color Line, both water-based and solvent-based, are supplied not only in the RAL shades of the folder but also as converter in special packs for tinting. The basic converters are of two types: for light colors and for dark colors, glossy or opaque, depending on the product (High Coverage Enamel, High Coverage Water-Based Enamel, Anti-Rust Enamel)

Universal water-based pigments are ideal for coloring exterior woodstains, finishes and water-based Lasur 3in1, solvent-based enamels including anti-rust, water-based enamels including anti-rust. It is a series of 20 pigments, with the following features:

- 17 universal water-based pastes necessary and sufficient for solvent-based and water-based enamels
- 3 pure water-based pastes necessary for woodstains, finishing and 3in1 water-based lasur, With:
- differentiated formulations for interiors and exteriors in the case of enamels
- single formulations for all other products.

Characterized by high stability and resistance to light and weather, they are also suitable for automatic dispensers

Universal Waterbased Pigments - COWT/COWN Series No heavy metals, VOC content is close to 0.

PIGMENT	int/ext	COLOR INDEX	PIGMENT CONCENTRATION (%)	DENSITY (Kg/l)	N water/T universal
COWT30 White	EXT	PW6	70	2,23	T uni
COWT11 Black shades	EXT	PBK11	60	1,93	T uni
COWT12 Phthalo blue	INT	PB15:3	15	1,09	T uni
COWT42 Cobalt blue	EXT	PB28	60	1,99	T uni
COWTO3 Yellow oxide	EXT	PY42	55	1,82	T uni
COWT13 Sun Yellow	EXT	PY154	30	1,14	T uni
COWT23 Medium Yellow	EXT	PY184	35	1,67	T uni
COWT63 Light Yellow	INT	PY74	35	1,13	T uni
COWTO4 Red oxide	EXT	PR101	55	2,01	T uni
COWT64 Bright Red	EXT	PR168	30	1,21	T uni
COWT74 Orange oxide	EXT	PR101	40	1,51	T uni
COWT84 Organic Red	INT	PR254	40	1,24	T uni
COWT36 Organic Orange	INT	P034	20	1,08	T uni
COWT28 Pink	INT	PR122	20	1,08	T uni
COWT19 Phthalo Green	INT	PG7	15	1,11	T uni
COWT79 Green oxide	EXT	PG17	57	2,01	T uni
COWN90 Deep Black	EXT	PBK7	42	1,21	N water
COWN30 Yellow oxide Transparent	EXT			1,3	N water
COWN40 Red oxide Transparent	EXT			1,28	N water

19 Universal Waterbased Pigments, COWT + COWN series

Suitable for automatic dispensers

These pastes make up all Borma color charts as well as RAL, NCS, Pantone coated, Pantone uncoated, Borma Extreme Rainbow, Borma Classic Rainbow , Ral 2 Design.

UV light resistant

APPLICATION

BORMA WACHS









Waterborne exterior woodstains, sealers and finishes

3611 Naturaqua Holz Lasur

3351 Naturaqua Top Gel

3926 Naturaqua Flatting Extra Marine

3361 Naturagua Borma Sauna Wachs

0310 Naturaqua Log sealer

4100 Naturaqua Parkettlack

4102 2K Naturaqua Parkettlack

4124 Naturagua Mobilack

4131 2K Invisible Touch

4112 Naturaqua Exterior Wood Lack 2K

Waterbased Lasur 3 in 1

3306 Naturaqua Holzwachs Lasur 3 in 1

3316 Naturaqua Dekorwachs Lasur

6570 Shabby Provenzale



Waterbased Enamels

6902 High coverage enamel 3in1

6991 Gel 3in1

Solvent Based Enamels

6900 High coverage enamel 3in1

6990 Gel 3in1

Anti-Rust Undercoat enamels

6901 Quick drying enamel

6917 Undercoat Anti-Rust Quick drying enamel

6916 Undercoat Anti-Rust Quick drying enamel

These items are availbale for tinting system in all can sizes.

SPROAQUA

Waterbased - Proaqua

IA3702XX00.XX Proaqua Lasur

IA8509XX00.XX Proaqua Lasur

IA8513XXXX.XX Proaqua All in one

IA8516XXXX.XX Proaqua All in one

IA8542XXXX.XX Proaqua All in one

OA4968XX60.XX Proaqua Hybridoil

OA3011XX00.XX Proaqua Hybridoil

VM8510TRXX.XX Proagua Top Coat

VM8520XXXX.XX Proaqua Self-sealer

VM8524XXXX.XX Proaqua Top Coat

VM8535TR30.XX Proaqua Top Coat

VM3001XXXX.XX Proaqua Top Coat

VM4190XX00.XX Proaqua Self-sealer

VM8521TRXX.XX Proaqua Top Coat

VM8529BIXX.XX Proaqua Top Coat

Waterbased oils from the Uvtech line

AV8501TR00.XX Proaqua Bio Fast Oil Uv













Solvent-based pigments are ideal for coloring glossy and matt Polyurethane and Acrylic bases from the PROTECH line. This series consists of 14 pastes, formulated with highly stable and resistant to light pigments, suitable for automatic dispensers as well.

By mixing these pastes together, we can achieve the colors of the most widely used color collections in the world: RAL and NCS.

The COUP series includes concentrated mono-pigment pastes that exhibit good compatibility with solvent-based products, providing excellent yield and resistance to sedimentation.

COUP pastes do not contain lead or other heavy metals and can be added to white or transparent bases in a maximum quantity of 20%. Larger quantities significantly increase drying times and may affect sanding quality. Nonetheless, their main application remains the preparation of pigmented finishes.

Solvent-based pigment pastes

PIGMENT	COLOR INDEX	PIGMENT CONCENTRATION (%)	DENSITY (Kg/l)
COUPOO2 - White	PW6	65	1,959
COUP152 – Light Yellow	PY154	42	1,165
COUP212 - Red oxide	PR101	62	1,930
COUP242 - Violet	PV23	12	1,033
COUP362 - Lemon Yellow	PY184	42	1,450
COUP402 - Phthalo blue	PB15:4	24	1,088
COUP452 – Organic Red	PR254	35	1,123
COUP542 – Quinacridone violet	PV19	19	1,055
COUP552 - Orange	P036	43	1,160
COUP642 – Light Red	PR170	39	1,110
COUP702 - Oxide yellow	PY42	50	1,593
COUP732 - Phthalo Green	PG7	24	1,110
COUP792 – Medium Black	PBI7	18	1,090
COUP932 - Warm Yellow	PY83	28	1,080

14 base pastes from the COUP series		
Suitable for automatic dispensers		
These pastes make up all hues of RAL and NCS color charts		
UV light resistant		

APPLICATION



\BORMAWACHS



Basecoats

CDO500FAT.XX - Zapon 2K Acrylic Basecoat

CDO010FPT.XX - Zapon 2K Polyurethane Basecoat



Top coats

CDO5000AT-XX.XX - Zapon 2K Acrylic Finish matt

CD0735LAT.XX - Zapon 2K Acrylic Finish glossy

CD00500PT-XX.XX - Zapon 2K Polyurethane Finish matt



Parquet

4160-XX.PU - 1K-PU Easy Parkettlack

4145-2K - 2K-PU Parkettlack Basecoat

4145-2K-XX - 2K-PU Parkettlack

41002K - 2K Ultramax Matt

Exteriors

41102K-XX - Exterior Wood Lack 2K



PROTECH

Basecoats

FP8055TR00.XX - 2K PU BASE COAT

FP8054BI00.XX - 2K PU BASE COAT

FP8085TR00.XX - 2K PU BASE COAT

FP8088BI00.XX - 2K PU BASE COAT

FP8089TR00.XX - 2K PU BASE COAT FP8084BI00.XX - 2K PU BASE COAT

FF8095TR00.XX - 2K PU SELF-SEALER

FA8064TR00.XX - 2K ACR BASE COAT

Top coats

TP8057TRXX.XX - 2K PU TOP COAT

TP8096TR20.XX - 2K PU TOP COAT

TP8063BIXX.XX - 2K PU TOP COAT

TP8056BIXX.XX - 2K PU TOP COAT

TP8077BIXX.XX - 2K PU TOP COAT

TP8069TR90.XX - 2K PU TOP COAT

TP8091BI90.XX - 2K PU TOP COAT

TA8060TR00.XX - 2K ACR TOP COAT

TA8066TRXX.XX - 2K ACR TOP COAT

TA8093BI10.XX - 2K ACR TOP COAT

TA8094TR70.XX - 2K ACR TOP COAT

TA8098BI90.XX - 2K ACR TOP COAT

ES8040TR00.XX - 2K PU TOP COAT









Converters for

Enamels







Available for tinting systems, the four converters allow you to create all RAL and NCS colors, both in matt and glossy. To be used with the pastes and equipment of the Borma Color System.

CONVERTER FOR ANTIRUST UNDERCOAT QUICK DRYING UNIVERSAL

WHITE		
Code	Desc.	Pack.
6920	600 ml	6 pz.
6920	2 lt	2 pz.
6920	4 lt	2 pz.

DARK COLOURS		
Code	Desc.	Pack.
6921	600 ml	6 pz.
6921	2 lt	2 pz.
6921	4 lt	2 pz.



CONVERTER FOR HIGH COVERAGE 3IN1 ENAMEL

UNIVERSAL - ANTIRUST

WHITE		
Code	Desc.	Pack.
6930	600 ml	6 pz.
6930	2 lt	2 pz.
6930	4 lt	2 pz.

DARK COLOURS		
Code	Desc.	Pack.
6932	600 ml	6 pz.
6932	2 lt	2 pz.
6932	4 lt	2 pz.



CONVERTER FOR WATERBASED 3IN1 ENAMEL UNIVERSAL - WATERBASED - ANTI-RUST

WHITE		
Code	Desc.	Pack.
6933	600 ml	6 pz.
6933	2 lt	2 pz.
6933	4 lt	2 pz.

DARK COLOURS		
Code	Desc.	Pack.
6933	600 ml	6 pz.
6933	2 lt	2 pz.
6933	4 lt	2 pz.



CONVERTER FOR 3IN1 GEL ENAMEL UNIVERSAL - VERTICAL - ANTIRUST

WHITE		
Code	Desc.	Pack.
6992	600 ml	6 pz.
6992	2 lt	2 pz.
6992	4 lt	2 pz.

DARK COLOURS		
Code	Desc.	Pack.
6992	600 ml	6 pz.
6992	2 lt	2 pz.
6992	4 lt	2 pz.



CONVERTER FOR WATERBASED 3IN1 GEL ENAMEL

UNIVERSAL - VERTICAL - ANTIRUST

WHITE		
Code	Desc.	Pack.
6993	600 ml	6 pz.
6993	2 lt	2 pz.
6993	4 lt	2 pz.

DARK COLOURS		
Code	Desc.	Pack.
6993	600 ml	6 pz.
6993	2 lt	2 pz.
6993	4 lt	2 pz.



CONVERTER FOR QUICK DRYING ENAMEL UNIVERSAL - ANTIRUST

WHITE		
Code	Desc.	Pack.
6934	600 ml	6 pz.
6934	2 lt	2 pz.
6934	4 lt	2 pz.

DARK COLOURS		
Code	Desc.	Pack.
6934	600 ml	6 pz.
6934	2 lt	2 pz.
6934	4 lt	2 pz.





Manual Tinting

Manual System

Shelves with Stirring System + Electronic Scale

Easy and immediate to use, this system combines practicality and small dimensions. The stirring lids combined with the modular shelves allow you to keep the coloring pastes always ready for use, preventing sedimentation and hardening. The choice of formats and assortments can be customized according to specific needs. The formulations are supplied via excel file or dedicated software.

BORMA COLOR SYSTEM manual

COMIX12/6	DOSING MIXING MACHINE 12/6 - 6 positions for 1Lt and 12 positions for 3,5Lt, with 18 Stirring lids
COMIX24/1	DOSING MIXING MACHINE 24/1 - 24 positions for 1Lt, with 24 Stirring lids







Automatic Tinting

Ideal solution for points of sale and distribution centers. The offer is divided into three types of automatic dispensers, different in size, but offered with the same management software and sequential-gravimetric concept to grant maximum control, to which are added two other dispenser options with simultaneous-volumetric system, for faster processing.

Plus

Easy to use - Easy to maintain - Precision and accuracy - Online assistance - On-site assistance - Management of formats from 375 ml to 20 Lt - Management of Borma, Ral, NCS folders - Management of personalized formulas - Costs, labels, statistics

Archimede Dispenser - 16 Canisters

Integrated Software
Max 16 canisters (2 Lt)
Small size
Electronic scale available
Sequential dosing
High precision (0,03 ml)
Suitable for cans up to 5 Lt
6481.0P oil/solvent based set up
6481.WB waterbased set up



Eureka Dispenser - 16 Canisters

Integrated Software
12 canisters - 3,5 Lt
4 canisters - 5 Lt
Small size
Electronic scale available da aggiungere come optional) per l'erogazione gravimetrica
Sequential dosing o simultaneo per l'erogazione volumetrica
High precision (0,03 ml)
Automatic Can-table
Suitable for cans up to 20 Lt
6480.0P oil/solvent based set up
6480.WB waterbased set up



A3-Hummingbird Dispenser - 16 Canisters

	•		
Integrated Software			
16 canisters - 2,3 Lt			
Small size			
Manual can-table			
Tubeless technology with recirc	ulation		
Sequential dosing			
Precision 0,01 ml			
6481.WB waterbased set up			
6481.0P oil based set up			
6481.SV solvent based set up			





A4-Hummingbird - Dispenser

Integrated Software

20 canisters - 15 2,3 litre canisters and 5 6 litre canisters

Small size

Automatic can-table

Tubeless technology with recirculation

Sequential dosing

For cans from 375 ml to 20 lt

6491.XX waterbased set up



Newton - Dispenser Customized set up

Integrated Software

32 canisters (5-9 Lt)

With electronic scale (optional for gravimetric dispensing)

Sequential/simultaneous dosing

High precision (0,03 ml)

For cans up to 20 Lt

6482 set up with 32 canisters, waterbased/oil based set up



A7 - Dispenser

Integrated Software

32 canisters - 24 2,3 litre canisters and 8 6 litre canisters

Automatic can-table

Tubeless technology with recirculation

Sequential dosing

Precision 0,01 ml

For cans from 375 ml to 20 lt

6492.XX waterbased/oil based set up





MANAGING DISPENSERS

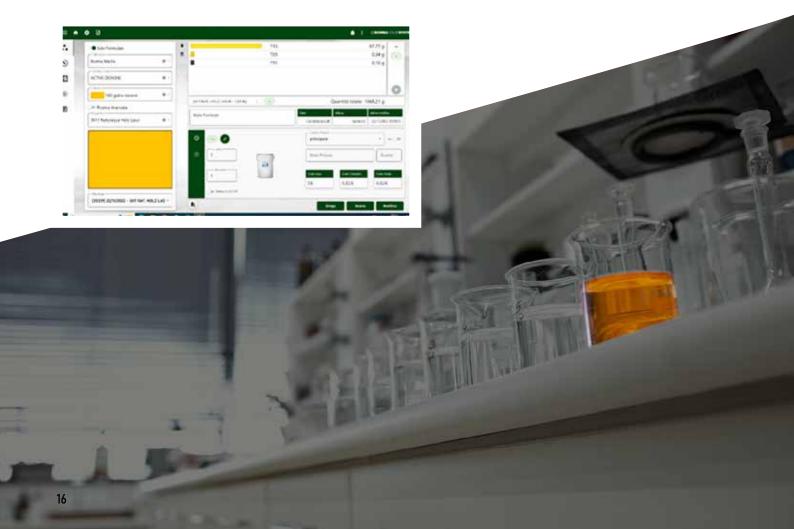


Borma Color System Software

Borma Color System is a software created in our offices for managing manual tinting and tinting machines.

We have gathered the most common requests from our customers and integrated them into a single system that:

- · Manages the majority of tinting machines available in the market.
- · Handles color formulas in both volumetric and gravimetric measurements.
- · Allows modification and saving of color formulas, which can be recalled with various options to prevent errors.
- · Provides automatic updates.
- Manages multiple price lists.
- \cdot $\;$ When connected to a printer, it enables the printing of labels for colored products.
- · Can handle the major spectrophotometric machines.



Mixing systems

Immersion stirrer:

Recommended for sizes from 5l to 20l and use in a laboratory context or small production, allows you to easily mix any type of paint, quickly homogenizing all the various phases.

Plus

- Adjustable speed and height
- Safety locks

Code 6450

Code 6450S - small version



Gyro-mixers:

Available in manual, semi-automatic and automatic versions, for maximum ease of use, suitable for both small and large can-sizes.

Borma mixer GH400 MAX

Automatic gyroscopic mixer. Compatible cans:

- From 1 to 25 lt
- 50-400 mm in diameter
- 70-500 mm tall
- Maximum weight 40 kg.

Code 6452



Borma mixer G360M

Automatic gyroscopic mixer. Compatible cans:

- From 1 to 20 lt
- 50-360 mm in diameter
- 90-400 mm tall
- Maximum weight 36 kg.

Code 6451



Borma mixer G360H

Automatic gyroscopic mixer. One minute option. Compatible cans:

- From 1 to 20 lt
- 50-360 mm in diameter
- 70-420 mm tall
- Maximum weight 36 kg.

Code 6465



Borma mixer G360L

Automatic gyroscopic mixer. Compatible cans:

- From 1 to 20 lt
- 50-360 mm in diameter
- 90-400 mm tall
- Maximum weight 36 kg.

Code 6449



CONTROL SYSTEMS

Light-cabin:

To carefully check the colors under the three standard highlighters and check for any metamerism phenomena.

Code 6454



Spectrophotometer:

Recommended for colour-match formulation and quality control, this tool is always associated with a management and formulation software, with specific set up for the range of coloring pastes.

1) Code 6461 Portable model 20D 2) Code 6461M Bench model 200R





Color reader Pro:

Useful for color identification and quality control, this tool accurately reads any type of surface and correlates it to the closest colors of the international charts.

Code 6459



Lab. Scales

Scale Sartorius:

From 0.1 To 35 Kg For Hero gravimetric upgrade system



Code 6455

Scale GAI4200:

Weighing plate 180x160mm Max 4.200 gr div. 0,01 gr



Code 6455.4,2-0,01

Scale Wall 15:

Weighing plate 300x300 Max 15.000 div. 0,5 gr



Code 6455.15-0.5

Scale GAL15000:

Weighing plate 180x160mm Max 15.000 gr div. 0,1 gr



Code 6455-15.0,1

Scale Wall 30:

Weighing plate 300x300 Max 30.000 div. 1 gr



Code 6455.30-1



Glossmeter.

To measure the sheen level of surfaces

Code 6465



Leneta + film spreader:

For quality control, on standard background (hue and coverage).

1 2 Code 6466 Code 6467



RAL - NCS Colour Charts

6468	6469	6470	6471	
RAL	NCS	Borma Color Rainbow Classic	Borma Color Rainbow Extreme	



Packaging for Tinting system

Uncoated Can 375ml (for solvent and oil) with lid	CAN375S
Uncoated Can 750ml (for solvent and oil) with lid	CANO75S
Uncoated Can 1l (for solvent and oil) with lid	CAN1S
Uncoated bucket 2,5l (for solvent and oil) with lid and seal	CAN2,5S
Uncoated bucket 5l (for solvent and oil) with lid and seal	CAN5S
Uncoated bucket 10l (for solvent and oil) with lid and seal	CAN10S
Uncoated bucket 20l (for solvent and oil) with lid and seal	CAN2OS
Coated Can 375ml (for water line) with lid	CAN375W
Coated Can 750ml (for water line) with lid	CANO75W
Coated Can 1L (for water line) with lid	CANTW
Coated bucket 2,5l (for water line) with lid and seal	CAN2,5W
Coated bucket 5l (for water line) with lid and seal	CAN5W
Coated bucket 10l (for water line) with lid and seal	CAN10W
Coated bucket 20l (for water line) with lid and seal	CAN2OW

COLOUR-MATCH

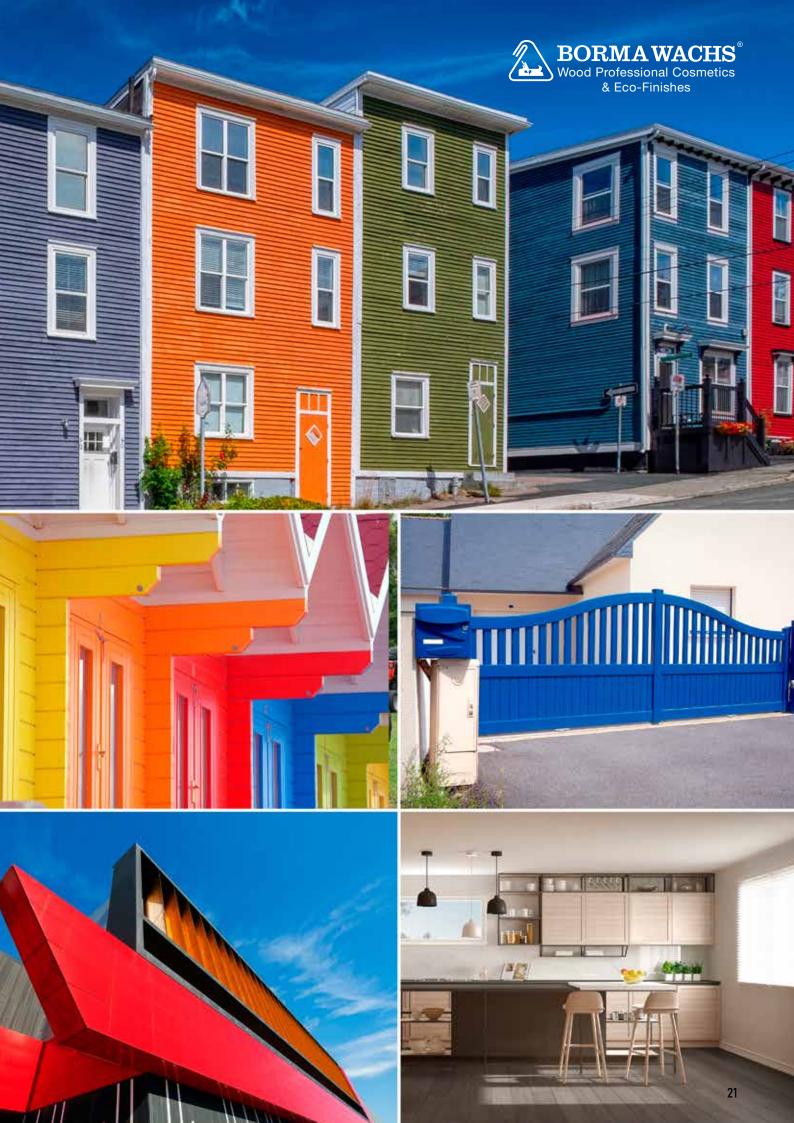


Colour-match service

Colour match service, for all bases

- · Touch up: waxes, pens, lacquers, sprays
- Waterbased products
- · Oil based products
- · PRO range















Restauro - Restoration - Restaurierung Материалы для реставрации



Ritocco e stucchi - Touch-Up and Fillers - Retusche und Kitte Ремонт покрытий



Esterni - Exteriors - Aussenbereich - Экстерьеры



Interni - Interiors - Innenbereich - Интерьеры



Doratura - Gilding - Vergoldung - Золочение



Decorazione - Decoration - Dekoration - Декорирование



Borma Pro



Borma Colors



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