



bella pica
Fine, smooth, white or colour finish

PRODUCT PROFILE

Thin-coat mineral render system for top-class, stylishly modelled surface finishes. bella BIANCA and bella COLORA guarantee high strength and adhesion to background for the thinnest of coatings. Ideal for creating extremely smooth, decorative, high-gloss or matt render finishes.

bella BIANCA

is primarily used as base for overcoating with bella COLORA, but also as finishing coat where bright stucco lustro-type surface is required.

bella COLORA

is used indoors, in living and working spaces, to create stylish colour surface finishes or, outdoors, to model sections of rendered facades or WARM WALL systems, in conjunction with suitable preparation and protective treatment.

- mortar group P Ic to DIN 18550
- for indoors and outdoors
- water-repellent
- vapour-permeable
- weather-resistant
- for manual application
- good workability
- easily formed
- white (BIANCA)/colour (COLORA)

TECHNICAL DATA

bella BIANCA and bella COLORA
 (DIN 18550/18557/52617)

Bulk density:	0.90	kg/dm ³
Tensile bending strength:	1.40	N/mm ²
Compressive strength:	2.00	N/mm ²
Tensile/compressive strength ratio:	0.7	
Dynamic elastic modulus:	1500	N/mm ²
Water vapour diffusion resistance factor μ:	7	
Thermal conductivity λ:	0.87	0.87 W/(m•K)
Water absorption coefficient:	w < 0.5 kg/(m ² •h ^{0.5})	

		Grading	Coat thickness	Coverage kg/m ²	Coverage m ² /bag
bella BIANCA	5 kg	0.1 mm	1 mm	1.00	5.0
Smooth Milanese and Venetian finish					
bella COLORA	5 kg	0.1 mm	0.25 mm	0.25	20.0
bella COLORA	500g	0.1 mm	0.25 mm	0.25	2.0
Smooth Roman finish					
bella COLORA	5 kg	0.1 mm	0.75 mm	0.75	6.7
				Coverage ltr/m ²	Coverage m ² /pot
bella CERA	1 ltr			0.04	25.0
bella SAPONE	1 ltr			0.06	17.0

The above figures are approximate values and may vary according to background type.

PREPARATION

Cover or watertightly mask dirt-sensitive elements. Provide netting to protect weather-exposed work surfaces from rain and high solar radiation or postpone works until more favourable weather conditions prevail.

Suitable backgrounds include strong, dry mortar group P I, P II and P III basecoats with scrim reinforcement and reinforcing mortar coats over WARM WALL systems. Clean down dirty, though strong existing plasterwork and strongly adhering matt emulsion coats with high-pressure cold water jet and pretreat with undiluted Quarzgrund bonding primer after drying.

Pre treat paperless gypsum panels and friable existing plasterwork, where sufficiently solid underneath, with MARMORIT Tiefengrund LF deep-penetrating primer and allow to dry for 24 hours. Apply undiluted Quarzgrund bonding primer to paperless gypsum panels after drying.

Treat new gypsum or gauged lime/gypsum plasterwork with undiluted Quarzgrund bonding primer. Dust down gypsum plasterboard, scrim and fill joints, and pre treat with undiluted ATON Sperrgrund primer sealer after drying. Allow min. 24 hours drying time for priming coats. Allow ROTKALK GRUND or ROTKALK FEIN to fully dry and set for min. 4 weeks.

Generally incorporate additional scrim reinforcement over whole surface, with 3-5 mm coat of SM700 or LUSTRO and MARMORIT scrim, to new and existing basecoats, internal plasterwork and building board, reinforced WARM WALL systems or suitably pre treated backgrounds. Lap scrim 10 cm at joints. Prior to this, incorporate scrim patches diagonally above or below corners of all openings. Apply approx. 2 mm coat of PICO over prepared surfaces and level. Remove fins, protrusions and irregularities, and rub down after initial drying. Remove dust after each rubbing operation.

APPLICATION

bella BIANCA

Add 5 kg bag contents to 3.8 ltr water, in ratio 1:0.75, and mix to lump-free consistency using stirrer at slow speed. Briefly re-stir after 5 minutes waiting time and apply approx. 1 mm coat using stainless-steel trowel. After approx. 2 hours, rule off bella BIANCA surface flat and level, and allow to dry for 24 hours. Then rub down flat using fine (400-grit) dry sandpaper. Remove dust with damp sponge or cloth.

bella COLORA

Add 5 kg bag contents to 3.8 ltr water, in ratio 1:0.75, or 500 g bag contents to 0.4 ltr water (or smaller quantities to proportionately less water) and mix to lump-free consistency using stirrer at slow speed. Briefly re-stir after 5 minutes waiting time. Apply bella COLORA very thinly with spatula in min. 2 coats over whole dried bella BIANCA surface to produce non-directional, broken-colour effect.

Remove fins/protrusions using (600-grit) sandpaper after application. Remove dust with damp sponge or cloth. Where intermediate shades are required, mix material in advance while dry. Apply final coat of bella COLORA with somewhat leaner consistency in short strokes using Venetian trowel and, while freshly applied, trowel with pressure to produce glossy finish. Only apply as much material as can be trowel-finished within 5 minutes.

bella SAPONE

is applied to facilitate pressure finishing with trowel and serves to protect bella pica finish against soiling. To internal walls, apply bella SAPONE with Venetian trowel over whole trowel-finished bella COLORA surface 2 days after completion. Remove surplus soap, recognizable after drying as white powder, with linen cloth.

bella CERA

may be applied to internal walls, after 8 days drying time, as protective coating in damp areas, heavily frequented spaces etc. or to enhance gloss finish and add depth.

For exposed surfaces, repeat this treatment after 1 year. Protect outdoor areas of bella pica from rain for 2-4 weeks, e.g. by nets hung around scaffolding. Wash off or remove bella SAPONE with damp cloth.

After drying, generously brush on MARMORIT FINOL impregnation, working from bottom upwards. Remove surplus impregnation with cloth.

After 2 days waiting time, dab on thin coat of bella CERA with Venetian trowel and, after drying, burnish with fluff-free cotton cloth or mechanically with polishing disc to produce glossy finish.

For heavily exposed surfaces, repeat this treatment every 2-3 years.

bella SAPONE and CERA shall not be applied to surfaces likely to be exposed to high temperatures and steam (steam baths, saunas etc.).

PLEASE NOTE

Plastering works are subject to the requirements of DIN 18550 and DIN 18350 VOB (German Construction Contract Procedures) Part C.

Mix dry mortar only with clean water. Do not use any foreign additives. Do not apply at air and/or wall temperatures below +5°C. Protect fresh plasterwork against frost and premature drying out.

Externally, bella pica may be carried down to approx. 5 cm above ground level provided surface is additionally treated with FINOL impregnation and bella CERA and risk of splashing is low.

For outdoor use, bella pica is formulated to control and inhibit algal and fungal attack. No guarantee can, however, be given for long-term protection against algal and fungal growth. Vulnerability to attack depends on local factors and the prevailing environmental conditions.

After drying out, all rendered surfaces in contact with ground or gravel beds shall be waterproofed/protected against moisture ingress by bitumen coating, starting from basement wall waterproof barrier up to 5 cm above ground level, in accordance with DIN 18195. Alternatively, a 2.5 mm coat of MARMORIT SOCKEL-DICHT may be applied. Cover with nonwoven-faced studded sheet after drying.

SAFETY AT WORK

Mortar exhibits a strong alkaline reaction upon contact with water. Avoid contact with skin and eyes. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Once set, the material poses no physiological or ecological hazards.

DISPOSAL

Material that has set may be disposed of as domestic or construction site waste.

QUALITY

The product is subject to continuous in-house and external monitoring to DIN 18557 and carries the RAL Quality Label for premixed dry mortar.

DELIVERY FORM/SHELF LIFE

bella BIANCA

5 kg paper bag in PVC bucket

bella COLORA

5 kg paper bag in PVC bucket

500 g bag

bella SAPONE

1 ltr bucket

bella CERA

1 ltr pot

Shelf life 12 months, subject to storage in dry, frost-protected environment.

SUPPLY

Via Marmorit approved applicators or local distributors

NOTE

This data sheet, which replaces all previous editions, is designed to provide you with advice and assistance. The information presented herein reflects our present state of knowledge. It cannot, however, embody the sum total of good practice, nor incorporate the provisions of all relevant standards, codes of practice and guidelines. These – together with the relevant application rules and guidelines – shall be duly observed by the applicator!

TECHNICAL ADVICE

Information and advice may be provided by our external representatives or the MARMORIT Technical Department

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