

Technical Data Sheet

Bone China Polished Plaster

A delicate resin and clay based decorative plaster for interior surfaces.

Product Characteristics: Fine crazing, delicate, breathable, low VOC with excellent adhesion.

Product Use: Bone China Polished Plaster is a decorative interior finish suitable for use on new and existing flat, clean and dry surfaces such as plasterboard, cementboard, concrete, blockwork, MDF and primed metal work. Identified through its crazing and porcelain look, flat in texture, with a satin or high gloss polish. Not suitable for high traffic or wet areas. We recommend that you consult our technical adviser for special areas of application.

PROCESSING

Application: Mix Bone China plaster well before use. After the Ambitec Renovation Primer coat has dried, apply the Bone China plaster in number of even thin flat coats of up to 5 at 0.5mm. Each coat is allowed to semi-dry (like chewing gum) before applying the next. Mist and float the last coat to a smooth finish. During drying the moisture is released and the crazing appears. Once completely dry (at least 2-3 days), sand to the desired gloss level. Sanding too soon will close the crazing.

Dilution: If necessary, max 2% water.

Coverage: 3.5 kg/m², 4.2 m² per 15 kg bucket at 1.5 - 2 mm thickness.

Drying time: Approximately 48hrs at 20°C, 65% rel. humidity. At a lower temperature and higher air humidity, allow longer drying times.

**Processing temp/
Relative humidity:** Do not work at a substrate and ambient temperature of less than +5°C. Do not allow the relative humidity to exceed 80%.

Cleaning: Clean tools thoroughly with warm water immediately after use.

SUBSTRATE PREPARATION

General:	The surface must be smooth and even, capable of supporting the plaster, completely set, clean, dry, and free of dust or grease. Sand and repair surface irregularities. Remove and/or repair all loose and unstable coats.
New untreated substrates:	Remove dust from the substrate. Coat with Ambitec Universal Primer. Min. 24 hours drying time. For concrete and block-work - the substrate must be coated in a leveling compound first.
Existing, flaky/powdering substrates:	Clean the substrate thoroughly and pre-treat powdery surfaces with a pigmented sealer. After drying, coat the substrate with Ambitec Universal Primer or Ambitec Renovation Primer. Min. 24 hours drying time.
Existing dirty substrates:	Remove and clean dirt from the substrate. Coat with Ambitec Universal Primer. Min. 24 hours drying time.
Existing contaminated substrates:	Pre-treat the contaminated substrate with a stain blocking primer. After drying, coat the substrate with Ambitec Universal Primer or Ambitec Renovation Primer. Min. 24 hours drying time.
Existing with substrates lacquer/varnish:	Clean and degrease the substrate. When dry, sand lightly, remove dust and coat the substrate with Ambitec Universal Primer or Ambitec Renovation Primer. Min. 24 hours drying time.
Existing painted substrates:	Clean the substrate thoroughly. After drying coat the substrate with Ambitec Universal Primer. Min. 24 hours drying time.
Existing substrates with a decorative plaster:	Remove dirt with a cleaner. Repair and/or smoothing should be done with an appropriate cement based product. When fully dry, coat with Ambitec Universal Primer or Ambitec Renovation Primer.
Applicable to all substrates:	If visible contaminants are still present in the substrate or leveling layer, it must always be pre-treated with Ambitec Renovation Primer to prevent bleed flow in the top layer. Drying time at least 24 hours. PAY ATTENTION! When using pigmented decorative plaster products, the substrate must not contain any unbound lime particles (alkalinity). Important: Allow sufficient drying time between the various pre-treatments.

ENVIRONMENTAL AND SAFETY

Avoid contact with eyes and mucous membranes. With induced risk (ceilings) wear safety goggles. If swallowed, do not induce vomiting – drink a small amount of water and seek medical attention. When skin contact occurs, wash with soap and water. Do NOT use solvents or thinners. If eye contact occurs, hold eyelids open and flush with clean, fresh water or a special eyewash solution and seek medical advice.

Do not allow to enter drains or watercourses. Contain and collect spillage with non-combustible absorbent materials, e.g., sand, earth and place in a suitable container for disposal according with the waste regulations.

For further information consult the Suave W-Base China Material Safety Data Sheet.

TECHNICAL DATA

Specific Mass:	Approx. 1.9 kg/L
Binding Agent:	Synthetic resin dispersion (styrene-acrylate copolymer) & Kaolin Clay
Solid Components:	Approx. 60% v/v
VOC Content:	< 2 g/L
Colour:	Dependent on clay and aggregates. To order based on a reference number or samples. Small colour variations may occur per shipment. These are caused by the mineral constituent parts. Buckets from different batches should always be mixed with each other prior to application.
Gloss Level:	Matte to satin depending on finishing.
Texture Level:	Low, medium and heavy.
Packaging:	15 kg Plastic Bucket
Storage:	Transport and store in a frost-free environment. Keep packaging tightly closed at all times. Can be stored for approx. 8 Months after delivery date. Shelf life for at least 12 months. Opened packages have a limited shelf life.
Hazard classification:	See the Suave W-Base Material Safety Data Sheet.

GENERAL

A substrate and/or ambient temperature that is too low or a relative humidity that is too high and/or a moisture content of the substrate that is too high must be adjusted to the prescribed requirements. This can be done by means of heating, extracting moisture (dehumidifiers), ventilation, etc. It is necessary to continue these measures throughout the application and curing process.

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