

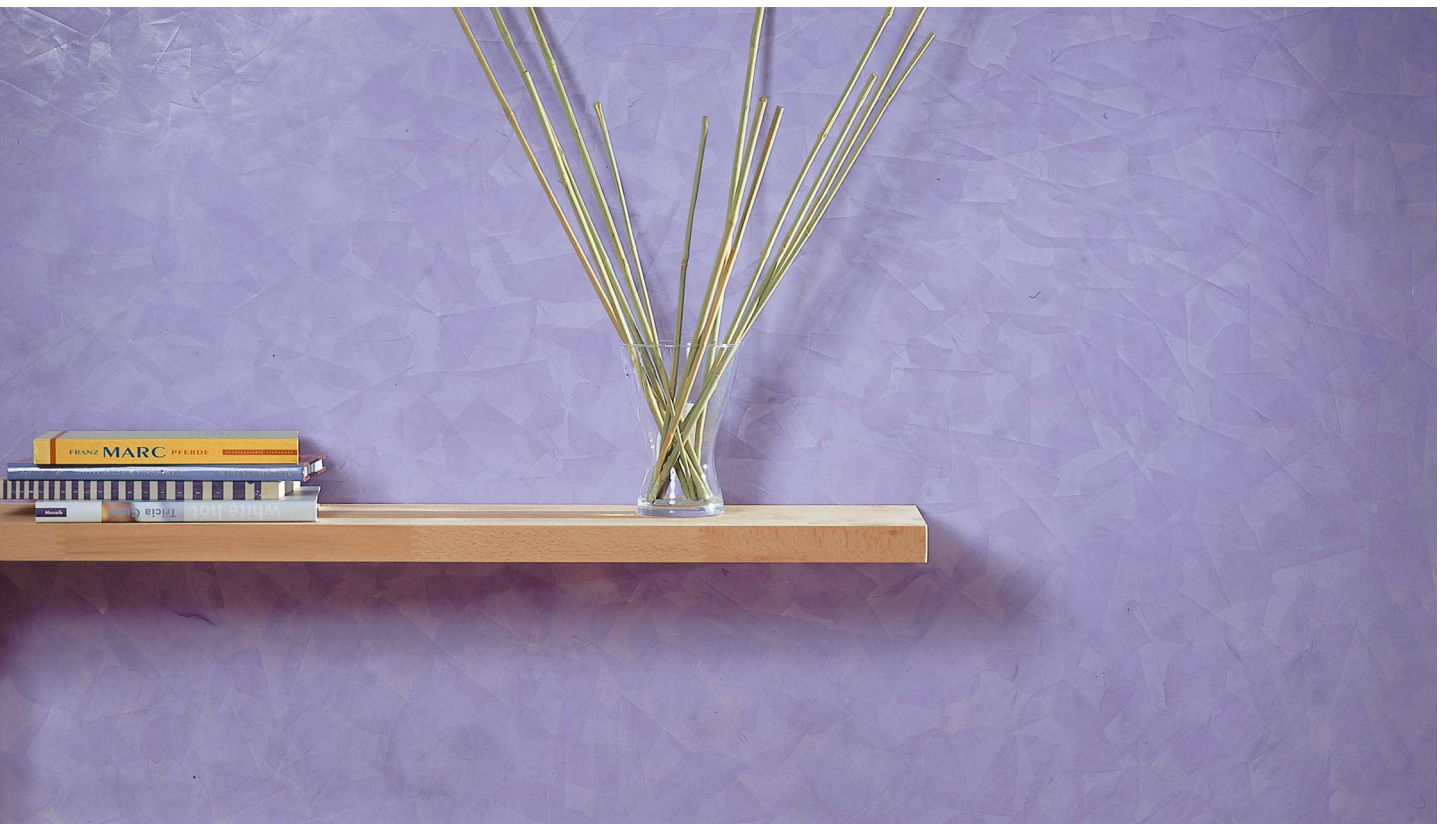


AGLAIA
Smoothing
Technique

True Beauty Comes From Nature



Esthetics and Ecology



With the AGLAIA SMOOTHENING TECHNIQUE, we introduce a purely natural surfacer that meets the highest requirements on both esthetics and ecology.

The AGLAIA SMOOTHENING TECHNIQUE gives walls an unsurpassed noble character of a marble shine and illusion of depth. Its natural pigments provide colors of an intensive brightness. Smoothing Technique using AGLAIA PIGMENTED MARVELIZER is characterized by a fascinating interplay with light reflections of deeper paint coats and reflections on the surface.

AGLAIA MARVELIZING SURFACER and PIGMENTED MARVELIZER are made entirely of mineral and plant raw materials. They are completely free of any artificial resins and, with a full declaration, provide full information. When completely cured, an extremely durable, wear-resistant surface is obtained. In this combination, a truly unique material.

Whoever wants esthetics and high quality of life while take responsibility will choose this purely natural smoothing material.



Application

AGLAIA MARVELIZING SURFACER

The AGLAIA SMOOTHENING TECHNIQUE SYSTEM comprises of a Base Surfacer and a Pigmented Marvelizer. The Base Surfacer is applied in several coats using an AGLAIA TROWEL until a smooth surface is obtained. It is important to apply the surfacer in very thin layers since the surfacer uses natural resin binders and therefore requires oxygen for complete drying. Depending on the ambient conditions, complete drying will take one to two days.

Before starting to apply the Pigmented Marvelizer, the Marvelizing Surfacer coating must be absolutely plane. An eccentric or pad sander may be used for polishing.

AGLAIA PIGMENTED MARVELIZER

The plant based AGLAIA PIGMENTED MARVELIZER should be processed and polished at a brisk pace within one day. Application is particularly easy using the special AGLAIA SPATULA. Apply cross-wise in very thin layers using spot application technique and a certain pressure to minimize burrs. Repeat applications after 1 to 2 hours until complete coverage is achieved. A total of 3 to 5 coats will be required. The spots may be positioned isolated or close to one another. The only thing that matters is that the spatula strokes that will become visible again after polishing, look unidirectional and „accidental“. Remove protruding edges before each application.



AGLAIA RESIN BONDING COAT



AGLAIA MARVELIZING SURFACER



AGLAIA PIGMENTED MARVELIZER



Polish to obtain a marble shine



However, this should be your last option in case any other remedy has failed since the smoothing technique's special characteristic lies in sensitive spatula polishing.

Please provide protection from mechanical stress until completely cured (about 2 weeks).

Clean working is very important, so remove any crumbly adhesions on the tools since they will disturb the application pattern.

The individual layers are to be applied on one day. Polishing no sooner than 2 hours and no later than 12 hours after application. It is best if one and the same person works wall by wall in order to obtain a uniform surface without laps.

Small damages commonly experienced in high traffic rooms are very bad especially in case of dark smoothing techniques. It is therefore recommended to add some Pigmented Marvelizer to the last Base Surfacers coat for slight toning instead of using a mere white coat. This will conceal small damages such as scratches or other flaws.

Polishing

Polishing and buffing is done in two stages using the spatula. Start polishing very carefully after the last spot application coat has slightly dried. Increase the pressure later to compress the material and make it shine. It is important to continuously clean the tools to avoid scratches resulting from crumbly adhesions on the tools.

If a large-surface satin gloss is achieved, a lambskin hood or buffing pad may be used to finally obtain the typical marble shine.

If the required shine is not achieved through buffing, e.g. because waiting times have been exceeded, you may use liquid AGLAIA natural waxes to rework the smoothing technique treated surface.



	SURFACE (coatable)	Lime, Lime based or Cement plaster (Plc - PIII)
WORKING STEPS		
Checking and Pretreating		Sand to remove sinterskin. Prefill holes and, if crumbly, solidify with AGLAIA PENETRATING PRIMER.
AGLAIA RESIN BONDING COAT		recommended on smooth plaster
AGLAIA MARVELIZING SURFACER		2-4 coats, reinforce crazing with fleece
AGLAIA PIGMENTED MARVELIZER		

Please note: In order to determine whether the substrate is suitable and which technique to use for the required design, the making of samples on the object is indispensable.



The AGLAIA SMOOTHENING TECHNIQUE SYSTEM essentially consists of AGLAIA MARVELIZING SURFACER and AGLAIA PIGMENTED MARVELIZER. Depending on type and condition of the surface, priming with AGLAIA RESIN BONDING COAT may be required.

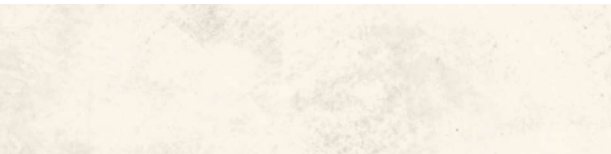
The following table gives an outline on the working techniques recommended for different substrates.

Concrete (smooth shuttering)	Gypsum plaster (PIV), Plaster board, Fibrous plaster board	Wood based materials, Lumber-core plywood, MDF board
Remove mold oil with soap water. Prefill shrinkholes, remove edges.	Sand to remove sinterskin. Check joints of light-weight building boards and smooth sand.	Prime with AGLAIA PENETRATING PRIMER. Check joints and smooth sand.
recommended	technically required	technically required
2-4 coats, reinforce crazing with fleece	2-4 coats, reinforce joints with fleece	2-4 coats, reinforce joints with fleece
3-5 surfacer coats, depending on required look. After 2 to 12 hours carefully buff to obtain a marble shine.		



AGLAIA SMOOTHENING TECHNIQUE takes the historical precious technique of „Stucco lustro“ from the ancient Romans as an example. It rather focuses on the cool esthetics of gloss polished, compressed plaster surfaces than on the imitation of marble. The essential element still is the pigmentation. Red chalk, umber, ocher or burnt earth were among the natural mineral pigments available to historical artists and craftsmen.

Color Chart



Marble white (01)



Umber (02)



Anthracite (03)



May green (04)



Mint green (05)



Lemon yellow (06)



Gilded ocher (07)



Terra rossa (08)



Venetian red (09)



Rose (10)



Lilac (11)



Pastel blue (12)



Ultrablue (13)



Sky blue (14)

For typographical reasons, there may be possible color deviations compared to the original color sample. For further information on our products and on processing, please refer to our actual Technical Information Sheets.



In combination with fine marble limes, they created an earthy, but shiny colorfulness of dazzling beauty. Today, finest grindings of mineral pigments are still used for AGLAIA SMOOTHENING TECHNIQUE. Purely mineral pigments provide an unsurpassed light and colorfastness. Their harmonic and substantial colorfulness stands in clear contrast to the placative chromaticity of synthetic organic pigments – aspects regaining more and more importance in today's architecture, especially considering ecology. Anyone with a good conscience will provide full insight in the formulations used. Therefore, AGLAIA with its full declaration provides customers will full information on any ingredient contained in its products.

All color tones of AGLAIA PIGMENTED MARVELIZER may be mixed with each other as desired. And when mixed with e.g. marble white (01), versatile lightening of the same color tone may be obtained the easy way. For design reasons, it is always recommended to make samples on the surface to be treated. Influences of the substrate, the light conditions and the application method may thus be harmonized efficiently.



Special tools

For optimum results, not only the material and the working technique are decisive, but also the tools to be used.

Therefore, AGLAIA offers special tools for its Smoothing Technique: two special spring steel spatulas.

AGLAIA MARVELIZING SURFACER is easy to apply using the **AGLAIA TROWEL**.

For applying and polishing AGLAIA PIGMENTED MARVELIZER, the special **AGLAIA SPATULA** has proven effective. It avoids any metal abrasions even when light-colored coats are applied.





Service

Whenever walls shall be provided with a valuable and representative look, whether in hotels, in the lobby of a theater or in private rooms: AGLAIA SMOOTHENING TECHNIQUE is the right choice.

For all those who would like to get acquainted with the decorative design techniques of AGLAIA NATURAL PAINTS or BEECK MINERAL PAINTS, we offer practical trainings at our facility in Laichingen.

If you should have any further questions regarding AGLAIA or the trainings we offer, please don't hesitate to contact us or visit our website.



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