

## Technical sheet 28.08.2018

# ADEPLAST® Color system

## MOZAICPLAST

### Decorative plaster for plinth

#### Use:

Structured decorative plaster based on aqueous dispersion synthetic resins for outdoors application on plinths, columns, mineral surfaces. Super-washable product, flexible, elastic. Product ensures surface resistance to scratch, impact and bad weather. Product for application on mineral bases, in a single layer, in professional finishing system.

Product is delivered ready colored based on the ADEPLAST® color palette or is delivered in the two-components version, Quarzlatex solution plus Quarzcolor colored grains. For the two-component version, mix homogenously in an empty clean bucket, 4 bags of Quarzcolor depending on the selected color code, manually or with an electric mixer. Pour the mix of fine grains into the Quarzlatex while it is being homogenized with the electric mixer at slow speed, from the bottom towards the surface.



#### Characteristics:

- High surface resistance
- Various color combinations
- Color stability over time

#### Technical data:

Item No.:	ACTSC
Material foundation:	Synthetic resins, water, colored grains, additives
Permeability to water vapors:	V1
Water absorption:	W2
Adherence:	≥ 0.3 N/mm <sup>2</sup>
Heat conductivity:	≥ 0.7 W/m·K
Air/substrate temperature when placing:	Between +5°C and +25°C
Consumption:	approx. 4 -5 kg / m <sup>2</sup>
Packaging:	Plastic bucket
Delivery:	25 kg
Storage / Validity:	12 months from date of fabrication on the packaging, at temperatures between 5°C and +30°C. Store in dry frost free spaces and away from direct sunlight exposure, on wooden pallets.

Technical data and those related to consumption are determined in standard conditions. There may be differences depending on conditions of applications. Precise consumption is determined on test surfaces.

**Base:**

Product is applied on flat, clean and resistant surfaces. Any smoothness differences are corrected prior to application of paint. Surfaces must be free of materials that can form a separator layer (e.g. oils or other similar). Depending on the absorption of the base, it is primed with ADEPLAST® Primer for decorative plasterworks. Bases with very high absorption are primed with ADEPLAST® Impregnation Primer. Bases with very high absorption are primed with ADEPLAST® Impregnation Primer. Bases, especially those from concrete, must have a residual humidity under 2,5%. Uneven concrete surfaces are corrected in advance with the Schomburg system for concrete reconditioning. Surfaces such as uneven plasterworks are corrected in advance with ADEPLAST® Polistirol Premium. Depending on the case, all necessary waterproofing are done in advance, especially in the plinth area on thermo insulating system. During application and drying, air and substrate temperature must not drop under +5°C or rise above +25°.

**Processing:**

Product contains natural mineral material and may show color differences from batch to batch. For this reason, running surfaces must be completely covered with material from the same batch. ADEPLAST® color palette as well as color samples shown, are purely indicative.

ADEPLAST undertakes to keep as well as possible this colors, but perfect match cannot be guaranteed. Before beginning works, it is required to completely color the material necessary for the entire surface. Prior to application, material from the bucket is mixed with an electric mixer for homogenization. If the material is not homogenized, there may be optical differences on the surface.

Product is applied without dilution.

*Applying the primer:*

ADEPLAST® Primer for decorative plasterworks is used in advance. Primer is colored in a shade close to the decorative primer for plinth. Before applying the decorative plaster, primer must be uniform and completely dry. Drying time: min. 24 hours.

*Applying the decorative plaster:*

Plaster is laid with a stainless steel grouter on the flat base, at twice the size of the granularity. Surface is smoothened to obtain a layer with dense granularity, homogenous, with smooth and shiny surface. Running surfaces are done completely. Surfaces with different colors are delimited with adhesive tape.

Decorative plaster, especially during summer, is not applied under direct sunlight, temperature above +30°C, wind, rain or impending rain - especially in such conditions, surface is protected with a net. Decorative plaster, especially during summer, is applied between 5am and 11am. During summer, decorative plaster can be applied in the afternoon only after 17pm, only if the surface is oriented to the North and is not exposed to direct sunlight during the day, as well as if surface can be finalized before it goes dark.

It is also recommended that the material is applied by experienced staff. Any forcing of the generally accepted limits increases the risk of deterioration and poor quality.

After application, the surface must be protected against rain until completely dry. Under normal temperature and humidity conditions, respectively 20°C and 65%, drying time is approx. 24 hours. Under high humidity or low temperatures, drying time increases for the applied layers. Exposure to rain before complete drying can lead to white leaks on the surface.

**VOC:**

VOC EU limit g/L:cat A/c: 40(2010)

VOC product, max. g/L: 40, ready for use

**Important:**

- During application and drying, consideration must be given to additional measures for the protection of surfaces against fast dehydration, bad weather or frost;
- Adjacent surfaces that are not intended for paint finishing must be protected, respectively covered with foil;
- Product cannot be applied on oil-based paint layers or supports that contain clay;
- This technical sheet replaces all previous versions. Information in this technical sheet represent our experience with this product up to this day. This technical sheet does not clear the user of the product from making his own decision and evaluation including by samples, regarding the appropriateness of using the product. SCHOMBURG / ADEPLAST products as well as their aggregate raw materials are continuously monitored in our own laboratories for consistent quality. Our advisory service is available for questions regarding product application and demonstrations. Comply with the information in the security technical sheet.