

TECHNICAL DATA SHEET MC-EN Rev. 02

Paint Effect:
MODERN CONCRETE

Application Cycle - For Interior Use

General Characteristics:

The MODERN CONCRETE is a special blend that is both smooth and slightly aged. It maintains the appearance of vintage concrete, but with a softer touch. The painting cycle is simple and it allows the user to obtain a realistic concrete finish even on large surfaces.

The effect can be painted in different colors, depending on the project requirements. The end result is a very realistic concrete surface that is durable. As necessary, the application of a protective transparent topcoat will give the surface a higher level of resistance.

This paint can be applied with a Spatula/Trowel or Sprayed, see page 4 for spraying details.

THE PRODUCTS NECESSARY TO CREATE THIS EFFECT:

Product	Coverage Area	Function
PRIMER AQ075 TEX	5-6 m2/kg in two layers	Texturized white primer for walls and wood surfaces
PRIMER AQ055 TEX	5 m2/kg in two layers	Texturized white primer to prevent corrosion on metal surfaces
BASE S30	1,0 m2/kg in two layers	Base paint for Modern Concrete Effect
TONER EASYSHADE	na	Add 1 Toner for each 5 kg of base product...to add color to the base
USHEET	na	Coloured paper sheets to create the Modern effect
TM108	8-10 m2/kg in one layer	One-component acrylic transparent, matt finish
TM205 (optional)	8-10 m2/kg in one layer	High resistance two-component acrylic transparent, matt finish
HQ53 (optional)	na	Hardener for the TM205 transparent - add 15% by weight

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APPLICATIONS:

**PRIMER AQ075 TEX (walls & wood)**

- Apply the primer after diluting it with water at 30-40%
- Apply with a short pile paint roller and in 1 coat
- For raw or unfinished plasterboard, drywall, or cement, first apply a water-based sealer and let dry
- For wood or MDF, first apply a water-based sealer and let dry
- Let the primer dry for at least 6 hours, then you can apply the additional layers
- **SPRAYING APPLICATION:** Mix with about 20% water

**PRIMER AQ055 TEX (metal)**

- Apply this white primer after diluting with water at 30-40%
- Apply with a short pile roller and in 2 coats, wait 2-4 hours between coats
- For application on metal, sand the surface and clean with degreasers or paint thinner
- Let dry for at least 2 hours, then you can apply the additional layers
- **SPRAYING APPLICATION:** Mix with about 20% water

**BASE S30 + TONER EASYSHADE**

- This product has a very simple application
- The pigmentation of the paint is done by adding 1 TONER EASYSHADE (200ml) for each 6 kg
- The BASE S30 may also be colored using water-based pigments at 1-2% by weight, we suggest you do a pigment compatibility test first
- The product is applied with a typical metal spatula/trowel (American) in 2 coats, the second coat should be applied in the same manner/style as the first layer
- Between layers, let the surface dry for about 10 hours at room temperature
- Sand the surface between coats with P180 grit sandpaper
- The thickness of the paint applied to the surface is determined by the particle sizes within the paint, you will have a minimum thickness for each layer
- Wash the trowel with warm water and soap immediately after use
- **SPRAYING APPLICATION:** Mix with about 10%-40% water

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USHEET (coloured paper sheets)

- After the second coat of BASE S30 is dry (about 10 hours), use the USHEET (coloured paper sheets) to rub lines over the surface with light pressure
- The Modern effect is immediately visible. To increase this effect, add pressure when rubbing the surface
- We do not recommend the sanding of this surface

TM108 - MATT TRANSPARENT (one-component)

- After applying the USHEET effect, it is recommended to apply the clear transparent TM108
- Add water to dilute the transparent at 5-10%, if necessary
- Apply the paint in 1 coat using a short pile roller
- If the surface is not perfectly even, apply a second coat, but add about 40% more water to dilute the paint
- After each application, the roller should be washed with warm water and soap
- SPRAYING APPLICATION: Mix with about 10%-20% water

OPTIONAL - use the below transparent topcoat for more resistance**TM205 - MATT TRANSPARENT (bi-component) + 15% HQ53 (hardening)**

- After applying the USHEET effect, you can apply the clear transparent TM205 for a higher level of resistance. This is a two-component acrylic matt paint that must be mixed with water and hardener.
- Add water to dilute the transparent at 10-20%
- Add hardener HQ53 at 15% by weight
- Apply the paint in 1 coat using a short pile roller
- If the surface is not perfectly even, apply a second coat, but add about 40% more water to dilute the paint
- The product pot-life is approximately 2 hours after adding the hardener
- After each application, the roller should be washed with warm water and soap
- SPRAYING APPLICATION: Mix with about 10%-20% water

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SPRAYING APPLICATION:

- You can use the same spray equipment, but the spray gun tip size needs to be 2,5mm to 3mm for the Base S30 Concrete only. A 2,5mm tip sprays evenly and a 3,0mm tip spray more unevenly as more material is pushed out...also depending on the amount of water mixed. The standard 1.5mm tip size can be used for the other paints.
- Spray one layer of each paint. As an option, you can spray a second light layer of Base S30 if needed to make the desired look. Drying times will be about the same as listed above
- The water to mix in each paint for spraying is our suggestion, your application may be a little different based on surface and spray gun tip size

ADDITIONAL INFORMATION ABOUT THE PRODUCTS:

Application Conditions: In order for the paints to dry correctly, the paints should be applied where the temperature of the room and the surface is between 16°C and 25°C. There should also be minimal wind in the room.

Application on Other Materials: If you want to apply the paints on other surfaces, it is suggested to contact our technical staff. There may be other products available not listed in this sheet.

Cleaning the Surface: About 15-20 days after the application is completed, the products will be completely cured and resistant to washing. When washing the surface, use a non abrasive cloth, warm water, and neutral soap. The application of a transparent makes the surface more resistant to dirt and allows for easier cleaning.

Stability and Storage: All TrendyPaints should be stored away from the sun and weather and be kept between 10°C and 35°C. The paints are stable for use for 6 months after the date of delivery. The base may increase in thickness overtime, but this does not affect the product.

WARNINGS:

The painting cycles noted here are general in nature. Contact our technical staff for more detailed information. The coverage area for the paints varies by the surface, the application conditions, and the dilution of the paints. Complete a test to determine the coverage area. This information is for reference only based on research and knowledge of the products. Because the application may be influenced by external factors outside of the manufacturer's control, the company does not assume any responsibility for the results. Cromas Ltd. reserves the right to change the technical specifications of the products without prior notice.