

EUCOMARK ACRYLIC

FAST CURING, 1 COMPONENT ACRYLIC BASED MARKING PAINT

FIELD OF APPLICATION

EUCOMARK ACRYLIC is a very fast-curing, 1-component marking paint based on acrylic resin. This is solvent based to obtain a fast curing. This marking paint is suitable for applying lines and markings on bituminous surfaces and absorbent concrete.

- Outdoor applications. (Or well-ventilated indoor spaces such as parking garages or industrial halls, etc...)
- Marking and lines of exterior floors.
- Recommended for signage on parking garage floors, warehouses, roads, industrial halls, sports and playgrounds,...
- Absorbent rough concrete floors.
- Bituminous substrates (asphalt, etc...)

BENEFITS & FEATURES

- Excellent adhesion on bituminous mixtures.
- Fast curing - very short re-entry of the zone to be treated.
- Very good abrasion resistance.
- Broadcasting of glass beads possible to obtain reflection.
- Good resistance to various influences and loads in road surface applications

APPLICATION

Application conditions

EUCOMARK ACRYLIC must be stored between +15°C and +25°C approximately 24 hours before application. The substrate, the ambient temperature and the temperature of the equipment to be used must be between +10°C and +30°C.

Relative ambient humidity: max 80%.

Moisture content in the substrate: <4% (weight percent).

Dew point before and during application and during curing: Temperature of the substrate must be +3°C higher than the dew point.

Provide adequate ventilation after application to ensure proper curing of the product.

Tools & complementary products

- Paint roller, brush or airless spray equipment, suitable for the use of synthetic resins.
- Mixer (max. 300 rpm) with spindle.
- Paint buckets or paint tray.
- Masking tape.
- Protective plastic film.
- EUCOSOLV MEK

Preparations

Clean the surface of oil, shuttering oil, cement skin, stains and other impurities that can adversely affect adhesion. Repair the surface if required, according to applicable local standards.

When applying EUCOMARK ACRYLIC on existing old coatings, always sand the surface sufficiently, make it dust-free and degrease. Make sure that the surface is dry and free from free standing water.

Existing screeds and concrete surfaces must be at least 28 days old. Bitu-

men based surfaces must also be fully cured. Sand the surface, shot-blast or treat with a diamond disc. Then make the surface perfectly dust-free again.

Always use clean equipment and clean mixing receptacles.

Preparation of the product

Mix EUCOMARK ACRYLIC mechanically for 2 minutes with a mixer and spindle (max. 300 rpm) until a homogeneous mixture is obtained. This operation is performed with a mixer at low speed so as not to include air in the resin. This avoids the formation of air bubbles in the mixture and in the coating. If desired, EUCOMARK ACRYLIC can be diluted with EUCOSOLV MEK. (Max. 2 to 3% - e.g. when applied with spray equipment). After mixing, the product is ready for use.

Application of the product

The product can now be applied to the surface to be treated with a paint roller (12 mm recommended), brush or with suitable airless spray equipment.

Optionally, a second layer can be applied. Always allow for sufficient drying time between the layers. Do this between 30 minutes to 24 hours after applying the first layer. (Depending on the ambient temperature). Always work crosswise.

Finishing

Immediately after applying EUCOMARK ACRYLIC, glass beads can now optionally be sprinkled in the still wet layer to obtain reflection. (30 to 40 weight percent).

Cleaning of the tools

Clean the used tools with EUCOSOLV MEK before the curing of EUCOMARK ACRYLIC. Cured products residues must be removed mechanically.

MAINTENANCE AFTER APPLICATION

Does not apply

TECHNICAL DATA

Consumption

0,250 to 0.350 l/m²/layer - depends on the roughness and porosity of the substrate.

Technical data & reaction times

Property	Value
Basic raw materials	Acrylic polymers dissolved in solvent
Density	1,45 kg/dm ³
Solid content	72% (+/- 2) in weight 50% (+/- 2) in volume
Appearance	1-component
Flash point	> 9°C
Bond strength	> 2 mPa
Application temperature	+10°C to +30°C
VOC / COV:	Accord. to 2004/42/CE Limit imposed by the EC for this type of product: 500g/l of COV (2010). The mixed product contains: 423 g/l COV.
Appearance	Aspect: MAT Colour BLACK / WHITE / RAL 1023 - 3020 - 5012 - 6024 or RAL ON REQUEST

Application time after mixing:

Approx. 60 minutes (at 15°C)

Approx. 30 minutes (at 20°C)

Approx. 15 minutes (at 30°C)

Re-coat time: applying an optional second layer:

Approx. 30 min to max. 24 hours (at 20°C)

Pedestrian traffic:

Approx. 30 minutes (at 20°C)

Light traffic:

Approx. 3 hours (at 20°C)

Full mechanical load After 24 hours

Full chemical resistance After 24 hours (Note: water is also a chemical)

Full cure: After 24 hours

* other ambient temperatures as well as relative humidity influence the above data.

Chemical resistances

Good chemical resistance When used in contact with chemical products, it is advisable to consult your EUCCHEM BV representative.

Additional documentation & referrals

Always consult all technical data sheets of the products to be used. Always work with clean tools in good condition.

APPEARANCE - COMPOSITION - PACKAGING

EUCCHEM ACRYLIC is available as follows:

3 L pot

10 L pot

EUCCHEM ACRYLIC can be stored in the original, unopened packaging and in a dry space. Do not store in direct sunlight and between +5°C and +30°C.

Shelf life 12 months after production date, if kept under the above mentioned conditions.

ADDITIONAL COMMENTS

For special applications it is advisable to consult your EUCCHEM BV representative.

SAFETY PRECAUTIONS

Always use personal protection in accordance with the local guidelines. Consult the appropriate safety sheets before use. All most recent safety data sheets are always available at www.eucochem.com. When in doubt, contact our technical service.

All information in this technical data sheet is provided in good faith and without any guarantees. The choice of a product for any application by the buyer or applicator, the processing of the products, the preparations, the finishing, the use of the right equipment to apply the products and all this in the broadest sense, are entirely beyond our control and are therefore entirely the responsibility of the buyer or applicator. Therefore, EUCCHEM bv cannot be held responsible on the basis of what is mentioned above. Should EUCCHEM bv nevertheless be held responsible for damage incurred, the claim will always be limited to the value of the necessary EUCCHEM bv products to be delivered in order to carry out a minimal repair. EUCCHEM bv strives to deliver products of consistent, good quality. All values on the technical data sheet are average values and are the result of tests performed under laboratory conditions. Values that are measured in jobsite conditions and the like may deviate from the stated values. This is because the environmental conditions, the application and the manner of processing our products are also outside our control. Please note that you should not add any products other than those indicated in our technical documentation. Only use EUCCHEM bv products for a system under construction. If you combine products from different suppliers or brands, the warranty expires irrevocably. When applying the EUCCHEM bv products it is necessary to draw up a construction site log and to fill it in on a regular basis. EUCCHEM bv can consult the construction site log at any time and / or request a copy to check whether the products and systems have been correctly installed or installed in accordance with the regulations set by EUCCHEM bv. We also refer to our general terms and conditions in case of dispute. This version of the technical data sheet replaces all previous versions. Version 1.0 Date: 14 October 2021 11:07 am