

ACS TOPCOAT ACRYL GOLD®

Acrylic Resin Based, One-Component, Semi-Matte Natural Stone and Concrete Protection Material



Description

ACS TOPCOAT ACRYL GOLD®, is a one-component acrylic resin based solvent-containing protector with semi-matt finish used for protection of antique tile, all kinds of natural stone and concrete surfaces.

Place of usage

- Inoor and outdoor, on vertical and horizontal surfaces.
- On all types of concrete and exposed concrete.
- At factories on concrete floor with surface hardener.
- On micro-concrete and self-leveling screeds.
- On concrete floors made with the use of helicopter machine.
- May be used on natural stone, artificial stone, travertine, ba-salt stone, slate stone, press, rustic and clay bricks.

- May be used in outdoor furniture for protection of some ab-sorbent wood surfaces.

Advantages

- UV - resistant
- Easy application (by roll or airless spray).
- Semi-matt.
- Has permeability to water vapor. Does not cause moisture buildup under the layer.
- High resistance to oil and fuel residues.
- Resistant to freeze-thaw cycle.
- High adhesion and flexibility.
- Rapid drying between layers and rapid workmanship.
- Sinks into the surfaces, prevents dusting and enlivens the surface due to its semi-matt finish.

TECHNICAL CHARACTERISTICS

ACS TOPCOAT ACRYL GOLD®	Acrylic Resin
Color	Transparent whitish
Density	0,92 kg/lit (at 20°C)
Service Temperature	-20°C -+ 80°C
Minimum waiting between layers	2-3 hours -20°C
Ready for light traffic	1/ 2 days / 20°C
Full cure	7 days / 20°C
Ambient temperature	+5°C -+ 35°C
Surface temperature	+5°C -+ 30°C

NOTE: The above values are given at + 23 °C and 50% relative humidity environment. High temperatures shorten the time, low temperatures prolong the time.

APPLICATION PROCEDURE / SURFACE PREPARATION

Concrete should be at least 28 days, concrete surfaces should have a maximum moisture ratio of 4-6%. Remove all loose and friable materials, oil, paint residues, surface must be free from cement slurry. Problematic surfaces must be repaired beforehand. Cement shell and bright screed of concrete surface should be cleaned, roughened and treated by tools such as sanding, notching machine, tumble diamond grinding machines and forced grinding machines. All surfaces should be cleaned from dust with industrial vacuum cleaner. Do not wash with water.

MIXING

ACS TOPCOAT ACRYL GOLD®, is a one-component product. Shake the product thoroughly before application. An opened package should be used completely if possible. The opened pack should be used within 1 week and stored in tightly closed package.

APPLICATION METHOD

ACS TOPCOAT ACRYL GOLD® should be applied on a clean surface as stated above with a roll or a brush, shake the package before opening. (May also be applied with airless

ACS TOPCOAT ACRYL GOLD®

Acrylic Resin Based, One-Component, Semi-Matte
Natural Stone and Concrete Protection Material

spray) Do NOT ADD WATER AND OTHER SUBSTANCES to
ACS TOPCOAT ACRYL GOLD®

CONSUMPTION

ACS TOPCOAT ACRYL GOLD® is applied in two or three layers
approximately with 0,300 – 0,400 lt/m² consumption.

TIPS TO NOTICE

- The highest relative humidity of air during application must be % 80, the ambient and/or substrate temperature should be between +10°C and +35°C. Avoid application under excessive heat, in windy or rainy weather.
- Surface temperature should be 3°C above the dew point. (Please call our firm for the Ambient temperature-Ambient Moisture-Dew Point table.)
- The materials to be used at the appropriate temperatures should be brought and stored in the application area 1-2 days prior to the application and adjust the ambient conditions.
- In extremely cold conditions, heaters should be used to increase the ambient and the workability of the product, the packages should be preconditioned in +20°C - +25°C to become ready to use.
- The reaction and workability times of resin-based systems depend on the ambient and substrate temperatures as well as the relative humidity under lower temperatures, the chemical reaction times are prolonged and this increases the pot life, coating interval and the working time. Moreover consumption is increased as the viscosity increases. High temperatures ignite stronger chemical reactions and the above mentioned times decrease accordingly.

CLEANING OF TOOLS

Tools and equipment can be cleaned with cellulosic or polyurethane thinner after application.

PACKAGE

ACS TOPCOAT ACRYL® 5 lt tinware.

STORAGE

The product should be stored in unopened original package at temperatures between +10 °C - +25 °C in a cool and dry place protected from freezing. For short term storage, maximum 3 palettes should be placed on top of each other and the shipment should be made on a 'first in - first out' basis. Palettes should not be placed on top of each other during long term storage.

SHELF LIFE

The shelf life is 12 months from the date of production under suitable storage conditions.

IMPORTANT NOTE:

Make sure that the ventilation works while applying ACS TOPCOAT ACRYL GOLD® inside; gloves, goggles and masks should be used. The product is flammable as it contains solvent. Take necessary precautions during storage and application. Ventilate the application areas, do not smoke and electrical short circuit is not used in the application area.

SAFETY

During the application, work clothes, protective gloves, goggles and masks should be used in accordance with the Occupational Health and Safety Rules. Due to the irritating effects of uncured materials, the components should not be allowed to come into contact with the skin and the eye. In case of contact, immediately wash with plenty of water and soap. If swallowed, seek medical advice immediately. Food and beverages should not be left at the application areas. Keep out of reach of children



□ Responsibility

The technical information given in this publication is based on the present state of our best scientific and practical knowledge. ACS A PLUS CONSTRUCTION SOLUTION YAPI ANONİM ŞİRKETİ is only responsible for the quality of the product. ACS A PLUS CONSTRUCTION SOLUTION YAPI ANONİM ŞİRKETİ is not responsible for results that may occur because the product is used other than advised and/or out of instructions regarding the place and the method of use. This technical form is valid only till a new version is implemented and nullifies the old ones (06/2019)