

## PRODUCT: A-GAIN Topcoat

CODE: 339001

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*Amoriguard A-GAIN TOPCOAT* is an environmentally friendly, ultra matt, finely textured coating. It is formulated on new generation “Green” chemistry and has minimal levels of any substances that are harmful or polluting to humans or the environment and contains more than 50% recycled materials. While suitable for both interior and exterior use, it is most commonly used externally.

### Uses and Properties

- ✓ Ultra Matt Finely Textured Finish, hides surface imperfections.
- ✓ Fibre reinforced to improve strength and bridge hairline cracks
- ✓ High Solids content to fill and smooth surface grain/profile.

*Amoriguard A-GAIN TOPCOAT* is carefully formulated using recycled materials from two different waste streams. These materials are used to replace the conventional mineral fillers that would normally be used. *Amoriguard A-GAIN TOPCOAT* has further been formulated to have minimal levels of other undesirable components found in traditional decorative paints. These include Ammonia, Formaldehyde, APEO, MEG and VOC. The recycled materials used in the manufacture of *Amoriguard A-GAIN TOPCOAT* result in its natural colour being a light grey which limits the colours in which it can be supplied.

### Environmental

*Amoriguard A-GAIN TOPCOAT* is best described as “Greener than Green” as not only have all raw materials containing undesirable components been replaced with less harmful options, but the majority of the traditional mineral fillers have also been replaced with recycled waste materials that have been processed to make them suitable for use. **Amoriguard** is committed to conserving our environment by developing and marketing **Decorative Paint Coatings** that are both sustainable and eco-friendly.

### Technical Data

Binder Type	:	New Generation Styrene Acrylic Polymers
Drying Time	:	Surface Dry: 1 hour (at 23°C and 50% humidity) Hard Dry: 6 hours (at 23°C and 50% humidity)
Drying Process	:	Water evaporation followed by coalescence
Over Coating	:	6 hours
Viscosity	:	115 – 120ku
Specific Gravity	:	1,48 ±0,05kg/litre
Mass Non Volatile Content	:	69,6%±3%
Volume Solids	:	54,8%±3%
Spread Rate	:	4-7m <sup>2</sup> /litre
DFT	:	137µ@4m <sup>2</sup> /litre per coat 78µ@7m <sup>2</sup> /litre per coat
60° Gloss	:	< 2%
85° Sheen	:	< 2%
Flash Point	:	Water based - Not Applicable
Application Temp	:	>5°C <35°C
Colour Range	:	Light Grey & Various Medium & Deep Shade Colours
Clean Equipment With	:	Water
Pack Sizes	:	5ltr & 20ltr

Coverage/Spread Rate depends largely on the condition and porosity of the substrate being painted and manner in which the product is applied. Colours are all made at the factory by dispersing iron oxide pigments into the product during manufacture and then adjusting the shade to standard using Zero VOC colourants.

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## Application

Correct surface preparation is essential for good product performance and all surfaces should be prepared in the specified manner. Moisture content in the substrate should be as low as possible and we do not recommend painting if it is greater than 15%. Do not apply when ambient temperatures are less than 5°C or greater than 35°C. *Amoriguard A-GAIN* well by means of a flat paddle or mechanical mixer before applying two coats by Block Brush or Roller. If a roller is being used we recommend laying off with a block brush to ensure no fibres are left protruding out the film. Allow to dry for a minimum of 6 hours between coats.

## Safety instructions

- ✓ Always wear a suitable dust mask and goggles when preparing surfaces.
- ✓ Ensure good ventilation during application and drying.
- ✓ Always keep out of reach of children and animals.
- ✓ If accidental contact with skin, wash immediately with soap and water or a recognised skin cleaner.
- ✓ If accidental contact with eyes, rinse immediately with plenty of water and seek medical advice.
- ✓ Harmful if swallowed. Seek medical attention and do not induce vomiting.

## General

Different surfaces and environmental conditions require specific painting systems to produce the best possible results. It is therefore recommended that you contact a Dekro Sales Representative for advice on all your painting requirements whenever possible.

## Preventing Problems and General Information

**IMPORTANT:** Walls (cement plaster, concrete or masonry) must be dry before painting and should not exceed a moisture content of 15% as measured with a Protimeter Surveymaster Moisture Meter or equivalent. The ambient temperatures must be between 5°C and 35°C and humidity between 10% and 85%. Application outside of these parameters could result in poor performance and potential defects and premature failure. Excessive application thickness and/or rapid drying could lead to mud cracking. Avoid applying under adverse weather conditions as this could result in poor product performance. Work from corner to corner, or from a natural cut off point to another. Do not attempt touch ups, but redo complete panels. Always keep a wet edge and avoid downing tools during the application process to prevent lap marks and variances in colour or texture.

## Cleaning Storage and Disposal

Remove as much paint as possible from application equipment and wash immediately after use with water. Close containers tightly after use and store in a cool well-ventilated area away from direct sunlight, heat or severe cold and damp conditions. Do not empty contents or wash water into drains or water courses. Amoriguard encourages you to recycle the plastic bucket after use and to dispose of wash water and paint residues in a responsible manner that complies with local regulations.

THE TECHNICAL DATA FURNISHED IS GIVEN TO THE BEST OF OUR KNOWLEDGE BASED ON CONTROLLED LABORATORY TESTS UNDER IDEAL APPLICATION CONDITIONS. NO GUARANTEE OF ANY PERFORMANCE CHARACTERISTIC IS THEREFORE GIVEN OR IMPLIED AND WE DO NOT HOLD OURSELVES RESPONSIBLE FOR ANY CONSEQUENTIAL DAMAGE OF WHATSOEVER NATURE THAT MAY ARISE FROM USE OF OUR PRODUCTS. IN THE EVENT OF A PROVEN PRODUCT FAULT OUR LIABILITY WILL BE LIMITED TO THE REPLACEMENT OF THE PRODUCT ONLY. IT IS THE USER'S RESPONSIBILITY TO CONFIRM THE CURRENCY OF PRODUCT DATA SHEETS.

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