



DESCRIPTION

Chemguard AK1270G is High quality lead free long oil alkyd enamel, designed for decoration and protection of a wide variety of substrates.

Chemguard AK1270G was formulated with the latest and finest raw materials to provide long lasting appearance, durability and protection from everyday wear and tear. It has excellent workability and flow characteristics to yield an attractive smooth finish.

RECOMMENDED USE

Chemguard AK1270G is Intended for use on properly primed metallic and wooden substrates. Chemguard AK1270G May also be used on cement surfaces primer with an alkali resistant primer.

Not recommended for use in chemical atmospheres especially those that are alkaline in nature.

Chemguard AK1270G Can be used for the protection of surfaces that operate at temperatures up to 90oC.

Chemguard AK1270G Enamel provides excellent external service as it exhibits exceptional weathering resistance and flexibility.

SURFACE PREPARATION

Surfaces must be clean, dry, and free from contamination. Employ adequate methods to remove dirt, dust, oil and all other contaminants that could interfere with adhesion of the coating, Remove any oil or grease from surface to be coated with clean rags soaked in UNICHEM White Spirit or UNICHEM / Thinner #2. Allow surface to dry before application. Surfaces should be primed with their appropriate primers.

MIXING

Power mix to achieve homogeneous appearance. Avoid excessive air entrapment.

THINNING

Thin up to 10% with White Spirit for brush or roller application and no more than 25% for spray application.

APPLICATION

Apply by brush, roller or spray. Natural bristle brushes are preferred. Short- nap synthetic roller cover with phenolic core gives the best results for wide areas.

Consult Unichem Technical Support Department for spray equipment instructions.

TECHNICAL INFORMATION

Color	Variable
Finish	Gloss
Dry Film Thickness	30 -50 μ
Solids by volume	55% ± 2%
Hiding power	0.1 Kg/m
Non-volatile-matter ISO 3251:2003	63-70%
Curing During Film ASTM D5895/2003	2-3 hour
To Top Coat ASTM D5895/2003	6-7 hour
Full cure	7 days at 25°C and 50% RH
Gloss ISO 2813:1994	80-90
Flash Point ASTM D3828/2007	42 °C
Flexibility ISO 1519/2011	Pass
Impact resistance ISO 6272-1/2011	Pass
Pencil Hardness ASTM D3363/2000	Pass
Resistance to liquids ISO 2812-4/2007	Pass
Adhesion ISO-2409/2007	Very Good

APPLICATION CONDITIONS

Min. Temperature 2°C

Max. Temperature 45°C

Relative Humidity 90%

THEORETICAL COVERAGE

The coverage rate is around 13.75m²/L at 40μ thickness

SHELF LIFE

12 months when stored properly in unopened container in dry conditions at 10 - 25°C.

CLEANUP

Tools and equipment can be cleaned with white spirit.

PACKAGING

Chemguard AK1270G is available in 3.6 or 18 Liter .

PRECAUTIONS

KEEP OUT OF REACH OF CHILDREN. Use with adequate ventilation and use a respirator when levels are above applicable limits. Avoid contact with skin and eyes. Close container after each use. Use good hygiene when handling this product.

TECHNICAL SUPPORT

Technical assistance is available from the manufacturers trained field representatives.

UPDATED

March 2013

Unichem Product Group

Unichem offers a wide range of industrial coatings, fireproofing and construction chemicals products that are manufactured, which include:

- Intumescent coatings
- Fire retardants
- Industrial floorings.
- Steel and industrial coatings
- Waterproofing.
- Grouts and anchoring
- Concrete repairs.
- Structural protection.

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