



PRODUCT DATA SHEET

KOSACRYLIC FINISH ACM-SERIES

KOSACRYLIC FINISH ACM-SERIES (Methyl Methacrylate (MMA) Finish)

DESCRIPTION

A very quick drying single pack Methyl Methacrylate (MMA) finish, Pigmented with special selected pigments it provides excellent weather durability and also good resistance against acids and alkaline. This product is recommended for concrete & steel surfaces exposure to exterior aggressive atmospheric environment where gloss and colour retention is required.

PHYSICAL PROPERTIES

Colour	: Wide colour range (or) RAL standard colour shade.
Gloss	: Semi-Gloss
Specific gravity	: 1.16 – 1.22 g/cm ³ . (varies on colour shade)
Volume Solid	: 40 ± 3% (varies on colour shade)
Touch dry	: 20 minutes at 30°C
Hard Dry	: 2 hours at 30°C
Recoating time	: min.2 hours at 30°C
Flash Point	: >25°C

AREA OF APPLICATION

KOSELASTEX KET-7101 is highly recommended for interior decorations of surfaces like concrete, plaster, gypsum, interior drywall, ceiling or drywall, design board, feature walls etc. KOSELASTEX KET-7101 particularly suitable for application on representative wall surfaces, e.g. shopping centers, office or residential buildings, hotels, restaurant or bistro, and residential area such as living room, bedroom etc.



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SURFACE PREPARATION

Steel & Wooden Substrates : All loosely attached paint layer must first be removed by paint remover; scrapping; mechanical grinding or sanding, removed oil; greases; dirt and other contaminants prior to painting. Corroded and / or damaged areas should be repaired first with an appropriate filler and primer system.

Concrete Surface : Make sure substrates must be free from heavy contamination, deposits, dust and loose parts. Damage such as cracks >0.3mm and flaking must also be repaired by suitable means before painting. Surface must be dry and free from damp spots prior to application.

MIXING / METHOD OF APPLICATION

Guiding data Airless Spray	: Pressure at nozzle : 120-150 bar. Nozzle size : 0.38-0.53mm. Spray angle 40-80 degrees.
Volume of thinner required	: 5 ~ 10%
Application by Air Spray	: Pressure at nozzle : 3-5 bar. Nozzle size : 1.2-2.0mm (Conventional Spray)
Application by Brush / Roller	: Suitable Volume of thinner required : 15 ~ 20%
Thinner / Cleaner	: Suitable Volume of thinner required : 0 ~ 5%
No. of coat required	: Kossan Special thinner 6.01 : 2 – 3 coats.
Recommended DFT	: 50 – 75 um

STORAGE

KOSACRYLIC FINISH ACM-Series has a minimum shelf-life of 12 months at cool and dry place. Containers must be kept tightly closed.



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CONDITIONS

Humidity: below 90% R.H.

The temperature of the substrate should be minimum 15°C and at least 3°C above the dew point of the air, temperature and relative humidity measured in the vicinity of the substrate. The coating should not be exposed to oil, chemicals or mechanical stress until fully cured.

THEORITICAL COVERAGE AND PACKING SIZE

Coverage : 8 - 10 m²/L per @ DFT = 50µm. (varies on type & surface roughness)

Packing Size : 5 Liter & 20Liter

SAFETY & HEALTH

Avoid skin and eyes contact by wearing suitable overalls, gloves, goggles, etc. Spillage on the skin should immediately be removed by thorough washing with water and soap. Eyes should be well flushed with water and medical attention sought immediately.

DISCLAIMER

The information in this data sheet is provided to the best of our knowledge. However, we have no control over either quality or condition of the substrate and other factor affecting the use and application of this product. Therefore, we cannot accept any liability whatsoever or howsoever arising from the performance of the product or for any loss or damage arising from the use of this product. We reserve the right to change the product data without notice.