

# Substrate Preparation – Polished Plaster and ArmourColor Finishes

## 1 General Requirements

All substrates to receive Armourcoat Polished Plaster and ArmourColor finishes need to be sound, crack-free, dust-free, flat, smooth (equivalent to a drywall level 4 for Polished Plaster finishes and drywall level 5 for ArmourColor finishes), and free of surface contaminants and defects.

Our Polished Plaster and ArmourColor finish systems have limitations concerning single spans and / or large fields of area a team of applicators can apply at one time. As all our finishes require a wet edge to be maintained during application, installation teams cannot stop applying and then restart applying, later, in one given area. Being said, as a rule, we suggest abiding by the same rules a board substrate manufacturer requires when to introduce a control (no more than 30 linear feet in any direction) as well as no total single hit areas to exceed 450.sq.ft without introducing a control joint, day joint or a natural stop point.

## 2 Recommended Substrates

**Brick, Block, CMU, & Precast:** Apply National Gypsum Kal-Kote Base Coat plaster system, or equivalent, and allow to cure to conform to the general requirements.

**Previously Painted:** Test for bond and load bearing strength and prepare to conform to the general requirements. For glossy paints lightly sand surface to remove surface lustre. Proceed with K-40 Primer, and apply appropriate Keycoat. This recommendation is for water-based paint systems only.

**MDF Panels:** Apply 1-2 coats of suitable wood primer to all six sides of the panels and allow to dry. Lightly sand the primed surface of the face to be finished and apply 1 coat of K-40 Primer or ArmourColor Base coat and leave overnight to dry.

For Polished Plaster finishes apply 1 coat of appropriate Keycoat with a 3:1 Resin mixture. The Spatulata and Armuralia finishes do not require Keycoat on this substrate. Please be advised that all MDF panels to be at least 1/2" in thickness.

**Build quality is the responsibility of the General Contractor.**

For additional substrate advice please contact our Sales Dept. at: [sales@usa.armourcoat.com](mailto:sales@usa.armourcoat.com)

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