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SSS301: Substrate Specification Sheet 301 - ArmourColor

Armourcoat QA Working Specification for ArmourColor Backgrounds and Applications

1 Introduction

The ArmourColor range can create the perfect interior for all functional and design requirements and make ideal wall coatings for residential and commercial use, particularly in high traffic areas. Highly versatile and robust ArmourColor products produce impressive interiors which combine colour and durability.

2 Substrate Preparation

Preparation and Application should be carried out generally in accordance with BS 6150 : 2006.

Most common substrates are suitable for ArmourColor products. Application generally has the same substrate requirements as water based paints.

Ensure all substrates to be coated are thoroughly clean and dry.

Ensure that both internal and external corners are clean cut and true. External angles must not be formed using paper tape beads. Walls must have even surfaces with any board joints flush. The products are only thin coatings therefore poorly constructed and prepared substrates will negatively effect the final appearance. Silicone and mastic products are not appropriate for coverage with ArmourColor products.

2.1 Plastered Surfaces

Plastered surfaces must be completely dry and installed as per manufacturers guidelines. When plastering, good site practice should be followed as set out in **BS5492 : 1990 Code of Practise for Internal Plastering**. Once the plaster is completely dry, prime the surface with a good quality plaster sealer/consolidator such as Dulux Plaster Sealer. This will promote adhesion of all subsequent layers and ensure a clean masking tape removal should there be a need to tape directly to the ArmourColor surface.

2.2 New Concrete, Brickwork and Blockwork

New concrete, brickwork and blockwork backgrounds must be plastered with a gypsum plaster to straighten the walls horizontally and vertically to achieve a true, flat surface and skimmed with a finish plaster. Prime the surface as discussed in 2.1 and allow to dry fully.

2.3 Dry-lined Surfaces

Dry-lined surfaces should be finished as ready for painting; taped, jointed and primed with a suitable mist coat of the relevant BaseColor. Corner, shadow, feature and movement profiles should be fixed and jointed-in as normal.

2.4 Wood and Composite Wood Board Surface

Prior to the application of any ArmourColor products, ensure that all materials are totally dry and then apply a suitable wood primer. Follow the primer manufacturers guidelines on drying times before overcoating.

2.5 Existing Walls

Existing walls must have any defective areas cut out back to a sound substrate. These areas must then be filled with plaster to create a flush surface. Ensure that existing wallpaper or paint is sound by attaching a piece of masking tape to the surface and pulling it off rapidly. If the paint or paper are removed by the tape, or if the paper is lifting anywhere, it will need to be stripped back to a sound surface. Gloss paint or any shiny surface will need to be roughened up by sanding the surface with 40 grit abrasive paper. If the wall is dusty and not covered with absorbent wall paper, prime the whole wall with diluted R13 resin and allow to dry fully or use an alkali stabilising solution if appropriate. If there has been staining of an old wall, the wall will need to be treated with a suitable stain blocking primer.

3 Application

The following application principles must be taken into account when planning finishing programmes:

- The finishing of ArmourColor products require the materials to be totally clean. Contamination from working alongside other trades will result in whole walls having to be re-finished.
- If an area is too large to be done in a single application, the wall will need to be broken into small manageable sections. If this is necessary day joints will be visible on the wall surface so care should be taken in the planning stages to achieve an overall balanced look.
- For a 2 coat application the second coat should be applied when the first coat has dried completely (12-24 hours conditions depending).

4 Timing of Work

As decorative finishing is the final stage of any project, the application should be programmed as late as possible in the contract, ideally after installation of lighting. Heavily trafficked areas should be protected until completion of construction work. All products demonstrate reasonable/good strength but this builds up gradually over a period of 2 weeks depending on conditions as it dries. The product will be touch dry but not hard on the same day of application.

5 Finishing, Refurbishment and Repair

Light damage may be repaired. Heavy damage may require the wall to be re-coated to avoid seams. To refurbish an area coated with ArmourColor products, either simply re-coat or paint over to achieve a consistent finish again. Some products within the range may require a light sand prior to overcoating.

6 Quality Assurance

Armourcoat Limited operates strict quality assurance and control from manufacture to application, providing specifiers with a quality led technical service. When planning interior finishing, call us to explore the full extent of the options offered by ArmourColor.

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