



[Technical Bulletin]

Firewall Aggra-Prime

FIREWALL



PRODUCT TYPE:

Primer for cement sheet, flush jointed block work, AAC and racked brick. Including, well adhered "gloss free" painted surfaces.

Armatex Firewall Aggra-Prime is an aggregate filled water reducible primer supplied ready for use straight from the drum except for the addition of fresh clean cement which speeds up cure times during cold weather applications and further enhances adhesion to mineral substrates.

The product is applied by roller or brush and is suitable for application to most correctly prepared mineral based construction surfaces such as cement sheet, flush jointed block work, AAC and racked brick. Including, well adhered "gloss free" painted surfaces.

The product is principally used on cement sheet to seal the board, reduce suction and provide a non-skid surface. The non-skid surface aids in the application of the render coat that is required across the entire project to feather pre-filled panel jointing and nailing points before the application of an acrylic texture and topcoat.

PROPERTIES

During a render coat application, the Aggra-Prime holds the render coat tight and stops over spreading and product skating during application. As a result, it is simple for the applicator to achieve a smooth, level and uniform render build ready to float finishing.

Aggra-Prime provides a strong inter-coat bond between the substrate and a render finish such as Armatex Firewall 1530 Render Non-Combustible.

Aggra-Prime will bind and seal any dust and loose surface contaminants that can inhibit the render coat adhesion.

The strong sealing properties of Aggra-Prime completely stops substrate suction and as a result, the premature curing of subsequent render coats during application. The long product open time will assist the

applicator to maintain a wet edge during the application of the render and therefore help in achieving a uniform end result.

Most importantly for the applicator, Armatex products have undergone rigorous field and laboratory test programs. This guarantees the tradesman maximum ease in fast, trouble free application that is a paramount performance requirement to achieve a uniform end result.

DESIGNED USE

Aggra-Prime is designed for the sealing and priming of powdery mineral constructions surfaces and boards and to provide an anti-skate surface during render coat application on cement sheet.

TOP-COATING

Aggra-Prime can be over coated with Armatex Firewall 1530 Render Non-Combustible.

COVERAGE RATE

11~16 m² per 15 ltr Drum
[applicator and substrate dependent]

Mixing

Aggra-Prime	15.00 Litres
Cement	2.00 Litres

Mix with a drill mixer while slowly adding the cement, mix until the cement is lump free distributed evenly through the product.

KEY PROPERTIES

- Very strong substrate adhesion.
- Very strong inter-coat adhesion with render.
- Good water resistance.
- Environmentally friendly
- Rapid cure and bond strength.
- Excellent resistance to alkali and efflorescence.

SUBSTRATES:

- Cement sheet permanent formwork.
- Cement Sheet cladding.
- Hebel Block & Power Panel XL.
- All AAC Panels and block.
- Masonry substrates.
- Concrete block.
- Wire cut clay block.
- Unglazed brick.
- Cast in place concrete.
- Low gloss well adhered painted surfaces.

SURFACE PREPARATION;

1. All surfaces must be structurally sound, clean, and free from surface contaminants such as, dirt, dust, oils, grease, silicones and release agents.
2. Remove any loose mortar splashes and cut back protruding block or tie wires.
3. All release agents must be completely removed from tilt up panel, contact Astec for the correct procedure.

APPLICATION TECHNIQUES

1. Aggra-Prime is applied using a Medium foam texture roller cover sleeve.

APPLICATION TECHNIQUE

Load liberal roller full of material to the wall in vertical strips. Commence from the lowest point up the wall and do not spread the product further at this point. Each roller load will cover between 250 and 500mm, (See Diagram 1, Figure 1).

Next re-roll the diagonally with an empty roller to smooth out roller track marks, (See Diagram 1, Figure 2).

Next, 3 additional roller widths are applied. Then with an empty roller lay off the previous material with light pressure in an upward or downward motion. Continue the selected motion for the entire project, (See Diagram 1, Figure 3).

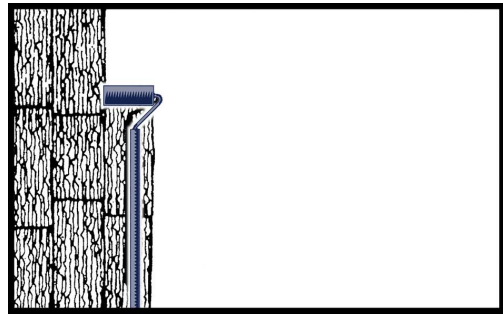


Figure 1

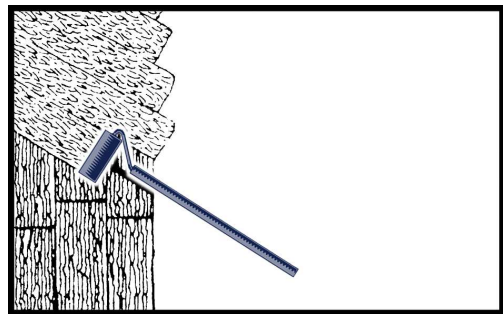


Figure 2

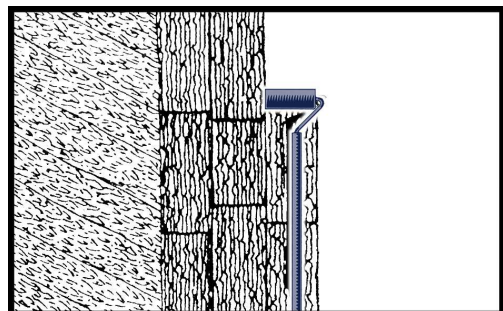


Figure 3

NOTE;

Always terminate the application above a damp course line. Never bridge a damp course.

PRECAUTIONS FOR USE;

Avoid contact with skin and eyes; always use a dust mask during mixing.

DISPOSAL;

Do not pour left over render down the drain, allow to dry on newspaper or in an open bucket in a well-ventilated area. Dispose of the dry render via domestic waste disposal. Empty cans should be left open and allowed to dry then disposed of in accordance with your local recycling legislations.

SAFETY DIRECTIONS;

Keep out of reach of children, provide adequate ventilation during use and do not dispose of left-over render in any drainage systems.

FIRST AID:

Eye Contact

Irrigate continuously with water for fifteen minutes holding eyelids open. Seek Medical advice.

Swallowed

Contact a doctor or Poisons Information Centre immediately. Do not induce vomiting. Give a glass of water. If vomiting does occur, place victim's face downwards at low level to prevent vomit entering lungs. Contact Astec for the relevant Material Safety Data Sheet

PRODUCT DATA;	
Pack Size	15 Ltr Tub
Mix activation water.	Not Required / Wet Mix
Drying Time at 25°C @ (55% Relative Humidity)	8 hours, (Dry times will vary with changes with substrate, temperature, humidity and residual moisture in the substrate).
Recommended thinners	Water
Wash up	Water
Recoat time at 25°C	30 Mins to 1 hrs
Minimum application temperature	8° C
Finish colour	Light or Dark grey, (Cement colour dependent)
Durability	Exterior/Interior (must be top-coated)
Curing	Not required

LIMITATIONS

- Contact an authorized Astec representative for the correct substrate specific product system specification.
- Should not be applied in temperatures below 8°C or in very hot and windy conditions or above 35°C.
- Protect from freezing temperatures for 24 hours after application.
- Protect from heavy rain for 8 hours after application.



WARRANTY

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