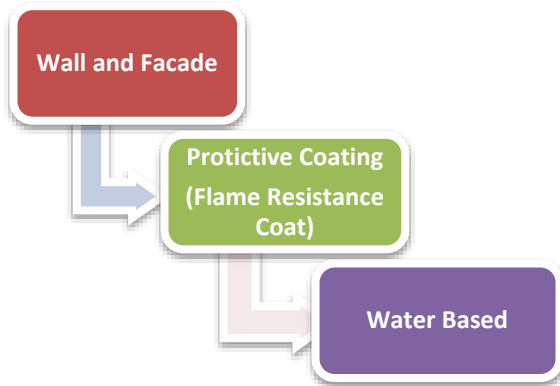


FAMILY TREE



PRODUCT DESCRIPTION

NASA Paint FRP, It is a topcoat paint which is fire retardant, non-flammable, forms a whole layer with drying on the surface on which it is applied. It is flame retardant in direct contact with fire. Resistant to fire. It is elastic, unaffected by movements. It can be easily applied to dry or slightly humid surfaces. It is water-impermeable but water vapor permeable. Thanks to this feature, it is suitable for use in wood, concrete, prefabricated structures.

FIELD OF APPLICATION

Area Type	: <input checked="" type="checkbox"/> Dry	<input checked="" type="checkbox"/> Semi-wet	<input type="checkbox"/> Submerged
Type of Application	: <input checked="" type="checkbox"/> Horizontal	<input checked="" type="checkbox"/> Vertical	

AREA OF APPLICATION

- All kinds of plastered, painted and unpainted interior and exterior surfaces.
- Concrete, wood structures.
- In roofs, in fire steps.
- In all places where non-flammability is desired.
- In schools, kindergartens, hospitals, theatre's, storage.
- Plasterboard wall partitions and ceilings.
- Thermal power plants and industrial buildings, factories.
- Military facilities

PROPERTIES

- | | |
|---|--|
| • Compatible with other intumescent paint. | • Limiting the Spreading of Fire. |
| • Excellent waterproofing characteristics. | • Can be applied to a Variety of Building Materials. |
| • Protective coating. | • Excellent resistance to salt and chloride attacks. |
| • It reduces flammability and combustion of building materials. | • You can Even Paint over old Non-Retardant Paints. |

PREPARATION

Working Conditions	: 5°C to 40°C.
Substrate	: The substrate should be sound clean and free from dust and all loose or flaking material. All holes and deep cracks should be filled with a suitable filler. All traces of oil, grease, chemical contaminants and extraneous mater should be removed. Any traces of mould or algae must Be removed and the area treated with a suitable anti -fungicide or bleach solution. On new cementitious substrates leave for 14 days before coating. If in doubt leave for up to 30 days to fully cure before coating.

MIXING

Mixing Speed	: 400 – 600 rpm.
Process	: Stir NASA Paint FRP thoroughly prior to use.

APPLICATION

Application Method	: Roller, brush or airless spray.
Thickness	: Approximately 500 microns per coat.
Coverage / Yield	: Approximately liter /m ² @ 1000 microns thickness.
Position	: The described process is suitable for vertical & horizontal application.
Priming	: Not Required.
Process	: It is used as protective topcoat on surface. It can be made with a brush, roller, or a suitable sprayer. The product should be mixed homogeneously before use and applied on the surface in two coats without reconstitution at 4 hours intervals.
Cleaning	: All tools / equipment shall be cleaned immediately after use with fresh water.

PACKING

Standard Package	: NASA Paint FRP Available in 5 & 18 liters drums.
Custom Package	: Special packages can be arranged for large requirements.
How to Order	: Specify the Product Name followed with a hyphen and package size.

STORAGE CONDITION

Shelf Life	: A shelf life of 12 months from date of manufacture if stored at temperatures between 2°C and 40°C in original unopened bags.
Temperature	: 2°C and 40°C.
Points of Attention	: Store in shaded area and properly sealed in its original packing.

TECHNICAL PROPERTIES

PROPERTY	STANDARD	VALU
Standard:	BS EN 123506, BS EN 123908, BS 63197, BS 63193, BS 1881208, ASTM C109, ASTM C1202 & ASTM C157, ISO, EN 13501-1 B (in accordance with the European classification) test method	
Component:		Single component
Form:		Liquid
Colour:		Standard Coloured
Elongation at break (23°C):		50%
Density		1.40 ± 0.10 g/mL
Solids by Weight:		63 ± 2%
Flash point:	ISO 3679 Method	94 °C
	1	
Viscosity (25°C):		12000 - 1500 mpa.s
VOC:		<0.1 g/ltr

ATTENTION

PPE	: It is recommended to use full PPE while working with the product to avoid any possibility of irritation to skin or eyes. In case of accidental contact with eyes, immediately flush with plenty of water for at least 10 minutes and seek medical advice if necessary.
Hazardous Classification	: Non-Hazardous transportation.
Fire	: Non-flammable.



NASA Paint FRP

NASA Paint FRP – 5 & 18 LTR – ASTM,BS

Single component, Water based high performance protective and flame resistance paint.

APOLLO AT THE GLANCE

Apollo is confident with the technical solutions and high quality end products served to the customers.

Apollo invites you to explore other services and products:

- | | | |
|--|--------------------------------------|--------------------------------------|
| • R&D and manufacturing custom solutions | • Adhesives | • Bonding Agents Systems |
| • Building Finishing Systems | • Concrete Admixture | • Concrete Repair Systems |
| • Flooring Systems | • Grouts & Anchoring Systems | • Painting & Putty Systems |
| • Protective Coatings | • Sealant & Jointing Solutions | • Structural Strengthening Solutions |
| • Surface Treatment Solutions | • Tile Adhesive & Grouting Solutions | • Waterproofing Systems |

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