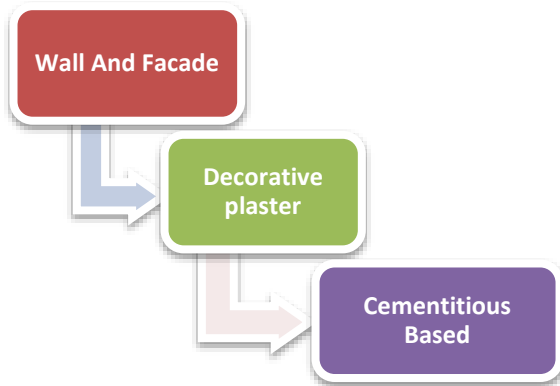


## FAMILY TREE



## PRODUCT DESCRIPTION

Nasaplast 202 is a polymer modified cement wall finishing decorative plaster applied in up to 3 mm thickness.

Nasaplast 202 is supplied as a ready mixed blend of dry powders which requires only the site addition of clean water to produce a consistent cementitious mortar.

## FIELD OF APPLICATION

Nasaplast 202 is designed as a decorative wall finishing plaster to be applied up to 3 mm thickness on render and concrete walls to produce an artistic textured wall finish.

## PROPERTIES

- |  |  |
|--|--|
| • High mould resistance.   | • High UV resistance.                              |
| • High weather resistance.                                       | • Shrinkage controlled polymer modified plaster.   |
| • Excellent bonding.   | • Suitable for internal and external applications. |
| • Easy to apply, one component, requires only addition of water. | • Available in many colours.                       |

## PREPARATION

<b>Working Conditions</b>	: 5°C to 35°C.
<b>Tools / Equipment</b>	: Mechanically powered mixer, mixing plastic bucket, steel trowel or hopper spray gun, spray machine.
<b>Substrate</b>	: Substrate must be clean and free from oil, grease, dust and laitance.
<b>Priming</b>	: Areas to be plastered should be soaked with clean water before applying the plaster. In order to minimize the appearance of efflorescence and to enhance the bond strength between Nasaplast 202 and smooth surfaces such as fair faced concrete, it is recommended to use a polymer modified resin based primer. Nasaplast 202 should be applied after 24 hours after Primer dries.

## MIXING

<b>W/P ratio</b>	: 5.0 – 5.5 litres of clean water should be added to a clean container
<b>Mixing Speed</b>	: 400 - 600 rpm.
<b>Process</b>	: To ensure proper mixing, a mechanically powered mixer or drill fixed with suitable paddle should be used. 5.0 – 5.5 litres of clean water should be added to a clean container. The powder is then added slowly to the water while mixing continuously with low speed mixer/drill (400 - 600 rpm). Mixing time should be continued for 3 minutes until uniform consistency is obtained. Water addition may vary slightly according to both the ambient temperature and the desired consistency of the mix, but it should not exceed 5.5 litre.
<b>Points of Attention</b>	: Do not add powder to the water without the mixer is started. Always mix sufficient amount that can be applied within the allowed open time of the adhesive after mixing.



# Nasaplast 202

Nasaplast 202 - 25 Kg – BS/ASTM

Flexible fiber reinforced exterior grade cementitious decorative plaster with high mould, UV, weather, frost, impact and water resistance.

## APPLICATION

<b>Thickness</b>	: The products can be used up to 3 mm.
<b>Coverage</b>	: Approximately 16 litres/bag.
<b>Process</b>	Nasaplast 202 should be applied by steel trowel or hopper spray gun. Apply the mixed Nasaplast 202 to the prepared substrate, up to 3 mm thickness. It should be applied with the minimum of working and be allowed to partly set before finally trowelling to a smooth finish. If a very smooth finish is required, a small amount of water may be flicked on to the surface to the Nasaplast 202 with a paint brush prior to final trowelling. After the initial setting time -usually 2 to 3 hours at normal conditions- it is recommended to apply a coat of curing compound over the finished surface, will work as sealer and protective abrasion resistance coat as well as deepening the finishing coat colour with semi-gloss finish.
<b>Curing</b>	: A Traditional curing by water will encourage the appearance of efflorescence and cause some colour variation especially when dark colours.
<b>Cleaning</b>	: All tools / equipment shall be cleaned immediately after use with fresh clean water. Hardened materials should be cleaned mechanically.

## PACKING

<b>Standard Package</b>	: Nasaplast 202 available in 25 Kg plastic Bags.
<b>Custom Package</b>	: Special packages can be arranged for large requirements.
<b>How to Order</b>	: Specify the Product Name followed with a hyphen and package size.

## STORAGE CONDITION

<b>Shelf Life</b>	: 12 months from the date of manufacturing.
<b>Temperature</b>	: 2°C and 50°C.
<b>Points of Attention</b>	: Store in shaded area and properly sealed in its original packing.

## TECHNICAL PROPERTIES

PROPERTY	STANDARD	VALUE
<b>Testing Standard</b>	ASTM & BS	
<b>Testing Conditions</b>	Tests were carried out in Apollo R&D laboratory with W/P = 0.25 @ 25°C	
<b>Component</b>		Single component
<b>Form</b>		Powder
<b>Colour</b>		Coloured
<b>Compressive strength</b>	ASTM C109/109M-11	≥ 10 MPa @28 days
<b>Maximum aggregate size</b>		1 mm
<b>Working time</b>		≈ 1.5 – 2 hr
<b>Minimum application temperature</b>		5°C
<b>Fresh wet density</b>		1.90 ± 0.1 gm/ cm <sup>3</sup>
<b>VOC</b>		< 10 g/ltr

## ATTENTION

<b>PPE</b>	: 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.
<b>Hazardous Classification</b>	: Non-Hazardous.
<b>Fire</b>	: Non-flammable.

This Technical Data Sheet is prepared based on extensive research and practical experience. With the varieties of the materials and conditions of application is out of our control, Apollo assumes no responsibility for the obtained results and / or damages caused by the usage of this product. Apollo Technical Service family is always available at your disposal for any advice and directions that might be required.



# Nasaplast 202

Nasaplast 202 - 25 Kg – BS/ASTM

Flexible fiber reinforced exterior grade cementitious decorative plaster with high mould, UV, weather, frost, impact and water resistance.

## 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              |

This Technical Data Sheet is prepared based on extensive research and practical experience. With the varieties of the materials and conditions of application is out of our control, Apollo assumes no responsibility for the obtained results and / or damages caused by the usage of this product. Apollo Technical Service family is always available at your disposal for any advice and directions that might be required.