



# CAPA PLUS<sup>+</sup>

**PPA DEFORMABLE ADHESIVE FOR FIXING ANY NATURE VITRIFIED TILES AND NATURAL STONES OF EXTRA-LARGE FORMAT.**

- Technology **CAPA PLUS<sup>+</sup>**
- Ideal for exterior façade applications
- High water resistant
- Ecológica

REV\_03/26



## DESCRIPTION

**CAPA PLUS** is a polymer modified highly deformable adhesive to safeguard fixing of flexible tiles. The innovative formula of Capa Plus develops high shear bond with surfaces to hold for longer durability with total grip.

## SURFACES

- Cement-based plaster and screeds
- Cement based structure like Precast concrete, RCC, or PCC
- Surfaces with IC Preciplast, IC Preciscreed, IC Precifloor SL
- Concrete/aluminum foam works
- Cement based waterproofing surfaces
- Tile on Tile

## FINISHING MATERIALS

- Ceramic tiles/Vitrified tiles Large Format tiles • Italian marble
- Natural Stone/Granite/Indian Marble • Glass Mosaic
- Engineered/Agglomerate/Quartz/Terrazzo/Green Marble
- Terracotta • Ceramic mosaic

## APPLICATION AREAS

- For internal & external use • Terrace • Street furniture
- Residential, Commercial & Industrial applications
- Swimming Pool • Podium

## PACK

20 Kg with moisture proof lining

## WATER DOSAGE

Grey: 5.2 - 5.8 L per pack  
White: 5.8 - 6.6 L per pack

## SHELF LIFE

12+ months DPS

## COLOUR

Grey and white

# CAPA PLUS<sup>+</sup>

PPA DEFORMABLE ADHESIVE FOR FIXING ANY NATURE VITRIFIED TILES AND NATURAL STONES OF EXTRA-LARGE FORMAT.

## APPLICATION STEPS



Thoroughly clean the surface by mechanical scarification with ensuring no dirt, dust and free from adhesion de-promoters like oil, grease etc.



Damp the surface with water to SSD condition (Saturated surface dry condition).



Pour water into the bucket.



Add **CAPA PLUS** in bucket containing water.



Mix with mechanically operated mixer.



Spread the mixture on surface area using suitable notched trowel with forming series of even ribs in single direction with high accuracy in levels.



Apply sufficient layer of adhesive directly over rear surface finishing materials like tile/stone/marble.



Fix and press the finishing material over freshly applied adhesive on surface.



Tamp with rubber mallet from centre towards outward.



Wait 24 hrs after fixing to start grouting.

## RECOMMENDATIONS

- Remove resin coating/polymer mesh from rear surface of stones before fixing with any tile adhesives.
- Check frequently quality of application by lifting one/two of installed materials and ensure full dispersion.
- Advised to create Perimeter joint at all end connections, Control joints at each 10 Sqm interval and expansion joints at each 50 Sqm interval. Fill these joints with flexible sealants.
- Provide spacers of size minimum 2 mm for indoor, 3 mm for outdoor applications, 5 mm for large formats considering higher movements. Fill these joints with **Aplicacer Colour Epoxy 3.0**
- Mechanical anchoring should be used on facades, if required.

## DO NOT USE

- Addition of other ingredients which may alter final performance of the product.
- Fixing on metal, wood, glass, plastic etc.
- External moisture curing

## WORKABILITY PERFORMANCE

Recommended thickness (mm)	From 3 to 15
Coverage (Kg/sq.m/mm)	1.2
Temperature of the surfaces and materials (°C)	From -5 to +40
Pot life (Hrs)	≥ 3
Open time (min)	≥ 40
Adjustability time (min)	≥ 45
Maturity time (min)	≥ 5
Grout application in joints	24 hrs for wall and 72 hrs for floor
Foot traffic	Light foot traffic > 24 hrs Heavy foot traffic > 3 days Swimming pool > 14 days

at 27±2°C temperature and 65±5% humidity

## TECHNICAL PERFORMANCE

IS 15477 - 2019	Requirements of Type 4	Results	Classification
Tensile adhesion in dry condition (Mpa)	1.5	≥ 2.2	Type 4T S1
Tensile adhesion in wet condition (Mpa)	1	≥ 1.5	
Shear adhesion in dry condition (Mpa)	1.5	≥ 1.75	
Shear adhesion in wet condition (Mpa)	1	≥ 1.5	
Shear adhesion in heat ageing (Mpa)	1	≥ 1.5	
Deformability (mm)	> 2.5	>3	

at 27±2°C temperature and 65±5% humidity

EN 12004 - 2017	Requirements of Class C2	Results	Classification
Initial tensile adhesion strength (Mpa)	≥ 1	≥ 2.2	Class C2 TE S1
Tensile adhesion strength after water immersion (Mpa)	≥ 1	≥ 1.5	
Tensile adhesion strength after heat ageing (Mpa)	≥ 1	≥ 1.5	
Tensile adhesion strength after freeze thaw cycles (Mpa)	≥ 1	≥ 1.5	
Open time - Tensile adhesion strength (Mpa)	≥ 0.5	≥ 0.5	
Deformability (mm)	> 2.5	> 3	

at 23±2°C temperature, 50±5% relative humidity and speed of the air < 0.2 m/s

Disclaimer: While our tile adhesive is formulated to adhere to industry standards and recommended application methods, we cannot be held responsible for any misuse, improper application, or deviation from our provided guidelines. It is essential to follow the prescribed instructions and use the product within its intended purpose for optimal results. Any alternative use or application outside our guidelines is done at the user's own risk.

## INTERNATIONAL COMBUSTION (INDIA) LIMITED

### REGISTERED OFFICE:

Infinity Benchmark, 11th Floor, Plot No. G-1  
Block EP & GP, Sector V, Salt Lake  
Kolkata - 700 091, West Bengal, India  
Phone: +91 (033) 4080 3000  
E-mail: info@capaindia.in

[www.capaindia.in](http://www.capaindia.in)

### WORKS:

Plot No. B 300, Ajaymeru Palra  
RIICO Industrial Area,  
Ajmer - 305025, Rajasthan, India  
Phone: +91 (0145) 2970337

For any assistance and complaints, contact  
[info@capaindia.in](mailto:info@capaindia.in)



**STRONGER TOGETHER**