

# TECHNICAL DATA SHEETS

GLOBUS COLORS

*New view in color...*

Pittakis BUILDING MATERIALS

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*Every possible effort has been made to avoid errors and omissions during the preparation of the catalogue.*

*In the event that there are errors in the prices or elsewhere after printing,*

*our company bears no responsibility and cannot be held responsible for any omissions.*

*Prices are subject to change.*

Semi – Matt




# Elastomeric

## ELASTIC ACRYLIC PAINT

Premium Quality pure acrylic elastomeric paint, with very good working and leveling properties, great performance, with outstanding resistance to frequent washing and adverse weather conditions. It exhibits remarkable resistance to the expansions and contractions of the surface by forming an elastic film and consequently covers completely all the existing hairlines and small cracks. It is suitable for every kind of new or old interior or exterior surfaces and it gives a flawless semi-matte finish. Elastomeric paint is environmentally friendly and low on odor (ammonia free). It has strong adhesion, breathability, high flexibility and long – lasting durability. Ideal choice for painting outdoor surfaces, especially in vivid and dark colors.

**Surface Preparation**
Surfaces should be smooth, clean and dry, free from grease, dust, loose or flaking paint.
To fill any cracks or holes use Flashelastic Spa (thick or fine granulated)
Surfaces, new or old, should be primed ALFALIQ PRIMER or ALFALIQ COLOR & PLASTER PRIMER prior the application of ELASTOMERIC paint.

### 100% Acrylic UV Crosslinkable Resins

- Perfect Coverage of Hairline Cracks
- Excellent Resistance to Extreme Weather Conditions

### EU maximum VC content limit values

(Directive 2004/42/CE) for this product (category A/c: "Exterior walls of mineral substrate", Type WB): 40 g/l (2010). This product contains maximum 23 g/l VOCs (ready for use product).

| Application Data | |
|---|---|
| Stirring | Slightly before use and during application |
| Dilution | 0-10% tap water |
| Application tools | Roller, brush or airless spray |
| Number of layers | Minimum 3 layers |
| Drying time | - Touch dry: 2-3 hours<br>- Recoat: 6-8 hours<br>Drying time depend on weather conditions |
| Application Temperature: | Ideal temperature for the application should be between 5°C - 35°C and the relative humidity should not exceed 80%. |
| Protection time of freshly painted surface from rain: at least 24 hours. | |
| **Product identity** | |
| Resin Type | 100% Acrylic |
| Gloss/Sheen | < 5 units @ 60° |
| Dries by | Evaporation |
| Viscosity | 110 ± 5 KU |
| Density | 1.5 ± 0.05 g/ml |
| pH | 8.5-8.9 |
| Flash point | Non-Flammable |

**Consumption**: Approximately 10-12 m²/L per coat on properly prepared surfaces.

**Storage:** Store in a dry place away from direct sunlight and/or extreme temperatures

**Cleaning of Tools:** Remove as much paint as possible from tools and clean immediately with water and detergent solution.

**Safety Information:** Keep out of reach of children · Do not use the empty containers for food storage · Do not get in contact with eyes and skin · In case of contact with skin, wash off immediately with soap and plenty of water or skin cleansing. Get medical attention if any discomfort continues · In case of eye contact, promptly wash eyes with plenty of water. Get medical attention if any discomfort continues · In case of ingestion, get medical attention immediately · Do not empty the mixture into drains or into any other water sources · Handle the empty containers responsibly in accordance with all national regulations.

| COLOR | WEIGHT/ PACKAGE | ITEM CODE CATALOGUE |
|---|---|---|
| White | 1lt | M001 |
| | 3lt | M002 |
| | 9lt | M003 |
| | 15lt | M004 |

**European Emergency Phone Number: 112**

**Note**
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Matt

# Pacific




## ACRYLIC PAINT

High Quality water-based paint, with very good working and leveling properties, strong adhesion and great performance, with outstanding resistance to frequent washing conditions. It is suitable for every kind of new or old interior or exterior roofed surfaces and it gives a flawless matte finish. Pacific paint is environmentally friendly and low on odor (ammonia free).

**Surface Preparation**
All surfaces should be completely dry and free from various stains, grease, dust and dirt.
If necessary, use Flashelastic Spa (thick or fine granulated) to fill any cracks or holes.
All surfaces, new or old, should be primed with ALFALIQ PRIMER or ALFALIQ COLOR & PLASTER PRIMER prior the application of PACIFIC.

- High Quality
- Great Coverage
- Easily Applied
- Low on Odor

**EU max. VOC content limit values**

(Directive 2004/42/CE) for this product (category A/a: "Interior matt walls and ceilings", Types WB): 30 g/l (2010). This product contains max. 20 g/l VOCs (ready for use product)

| Application Data | |
|---|---|
| Stirring | Slightly before use and during application |
| Dilution | 0-10% tap water |
| Application tools | Roller, brush or airless spray |
| Number of layers | Minimum 2 layers |
| Drying time | - Touch dry: 1-2 hours<br>- Recoat: 4 hours<br>Drying time depend on weather conditions |
| Application Temperature: | Ideal temperature for the application should be between 5°C - 35°C and the relative humidity should not exceed 80%. |
| Protection time of freshly painted surface from rain: at least 24 hours. | |
| **Product identity** | |
| Gloss/Sheen | Matte, 3.5 @ 85° |
| Dries by | Evaporation |
| Viscosity | 105 ± 5 KU |
| Density | 1.45 ± 0.05 g/ml |
| pH | 8.5-8.9 |
| Flash point | Non-Flammable |

**Consumption**: Approximately 10-12 $m^2$/L per coat on properly prepared surfaces.

**Storage:** Store in a dry place away from direct sunlight and/or extreme temperatures.

**Cleaning of Tools:** Remove as much paint as possible from tools and clean immediately with water and detergent solution.

**Safety Information:** Keep out of reach of children · Do not use the empty containers for food storage · Do not get in contact with eyes and skin · In case of contact with skin, wash off immediately with soap and plenty of water or skin cleansing. Get medical attention if any discomfort continues · In case of eye contact, promptly wash eyes with plenty of water. Get medical attention if any discomfort continues · In case of ingestion, get medical attention immediately · Do not empty the mixture into drains or into any other water sources · Handle the empty containers responsibly in accordance with all national regulations

Available through Globus Colors tinting system 'Colormix' in unlimited number of shades.
***Also available with an antibacterial protection**

| WEIGHT/ PACKAGE | ITEM CODE CATALOGUE |
|---|---|
| 1lt | M009 |
| 3lt | M010 |
| 9lt | M011 |
| 15lt | M012 |

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Matt

# Oceanic




## 100% ACRYLIC PAINT

Premium Quality acrylic paint, with very good working and leveling properties, strong adhesion and great performance, with outstanding resistance to frequent washing and adverse weather conditions. It is suitable for every kind of new or old interior or exterior surfaces and it gives a flawless semi-matt finish. OCEANIC paint is environmentally friendly and low on odor (ammonia free). Ideal choice for outdoor surfaces, especially in vivid and dark colors.

**Surface Preparation**

- All surfaces should be completely dry and free from various stains, grease, dust and dirt.
- If necessary, use Flashelastic Spa (thick or fine granulated) to fill any cracks or holes.
- All surfaces, new or old, should be primed ALFALIQ PRIMER or ALFALIQ COLOR & PLASTER PRIMER prior the application of OCEANIC.

- Premium Quality
- High Resistance to frequent washing
- Resistance to adverse weather conditions

## EU max. VOC content limit values

(Directive 2004/42/CE) for this product (category A/a: "Interior matt walls and ceilings", Types WB): 30 g/l (2010). This product contains max. 20 g/l VOCs (ready for use product)

| Application Data | |
|---|---|
| Stirring | Slightly before use and during application |
| Dilution | 0-10% tap water |
| Application tools | Roller, brush or airless spray |
| Number of layers | Minimum 2 layers |
| Drying time | - Touch dry: 1-2 hours<br>- Recoat: 4 hours<br>Drying time depend on weather conditions |
| Application Temperature: | Ideal temperature for the application should be between 5-35°C and the relative humidity should not exceed 80%. |
| Protection time of freshly painted surface from rain: at least 24 hours. | |
| **Product identity** | |
| Resin Type | 100% Acrylic |
| Gloss/Sheen | Flat, 2.5 @ 85$^0$ |
| Dries by | Evaporation |
| Viscosity | 105 ± 5 KU |
| Density | 1.4 ± 0.05 g/ml |
| pH | 8.5-8.9 |
| Flash point | Non-Flammable |

**Consumption**: Approximately 10-12 m²/L per coat on properly prepared surfaces.

**Storage:** Store in a dry place away from direct sunlight and/or extreme temperatures.

**Cleaning of Tools**: Remove as much paint as possible from tools and clean immediately with water and detergent solution.

**Safety Information:** Keep out of reach of children · Do not use the empty containers for food storage · Do not get in contact with eyes and skin · In case of contact with skin, wash off immediately with soap and plenty of water or skin cleansing. Get medical attention if any discomfort continues · In case of eye contact, promptly wash eyes with plenty of water. Get medical attention if any discomfort continues · In case of ingestion, get medical attention immediately · Do not empty the mixture into drains or into any other water sources · Handle the empty containers responsibly in accordance with all national regulations.

Available through Globus Colors tinting system 'Colormix' in unlimited number of shades.
***Also available with an antibacterial protection**

| WEIGHT/ PACKAGE | ITEM CODE CATALOGUE |
|---|---|
| 1lt | M005 |
| 3lt | M006 |
| 9lt | M007 |
| 15lt | M008 |

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Plastic – Matt




Save In

# ECONOMICAL PLASTIC PAINT

Economical emulsion paint, with very good working and leveling properties, for interior use. It is suitable for frequent wall repainting (public buildings, schools, hotels and warehouses). It covers effectively the wall imperfections, providing a uniform matt finish. It is easy to apply, it spreads evenly. Save In paint is environmentally friendly and low on odor (ammonia free).

**Surface Preparation**
All surfaces should be completely dry and free from various stains, grease, dust and dirt.
If necessary, use Flashelastic Spa (thick or fine granulated) to fill any cracks or holes.
All surfaces, new or old, should be primed with ALFALIQ PRIMER or ALFALIQ COLOR & PLASTER PRIMER prior the application of SAVE IN.

- Very Good Opacity
- Low on Odor
- Low Cost Solution for frequent painting

## EU maximum VOC content limit values

(Directive 2004/42/CE) for this product (category A/a: "Interior matt walls and ceilings", Types WB): 30 g/l (2010). This product contains maximum 20 g/l VOCs (ready for use product)

| Application Data | |
|---|---|
| Stirring | Slightly before use and during application |
| Dilution | 0-10% tap water |
| Application tools | Roller, brush or airless spray |
| Number of layers | Minimum 2 layers |
| Drying time | - Touch dry: 1-2 hours<br>- Recoat: 4 hours<br>Drying time depend on weather conditions |
| Application Temperature: | Ideal temperature for the application should be between 5-35°C and the relative humidity should not exceed 80%. |
| Protection time of freshly painted surface from rain: at least 24 hours. | |
| **Product identity** | |
| Gloss/Sheen | <5 units @ 60° |
| Dries by | Evaporation |
| Viscosity | 110 ± 5 KU |
| Density | 1.55 ± 0.05 g/ml |
| pH | 8.5-9.5 |
| Flash point | Non-Flammable |

**Consumption**: Approximately 10-12 $m^2$/L per coat on properly prepared surfaces.

**Storage:** Store in a dry place away from direct sunlight and/or extreme temperatures.

**Cleaning of Tools:** Remove as much paint as possible from tools and clean immediately with water and detergent solution.

**Safety Information:** Keep out of reach of children · Do not use the empty containers for food storage · Do not get in contact with eyes and skin · In case of contact with skin, wash off immediately with soap and plenty of water or skin cleansing. Get medical attention if any discomfort continues · In case of eye contact, promptly wash eyes with plenty of water. Get medical attention if any discomfort continues · In case of ingestion, get medical attention immediately · Do not empty the mixture into drains or into any other water sources · Handle the empty containers responsibly in accordance with all national regulations.

***Also available with an antibacterial protection**

| WEIGHT/ PACKAGE | ITEM CODE CATALOGUE |
|---|---|
| 1lt | M013 |
| 3lt | M014 |
| 9lt | M015 |
| 15lt | M016 |

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# Hydro Varnish




- Interior/ exterior use
- Easy to apply
- Strong adhesion
- Long Lasting protection

## Hybrid, acrylic- polyurethane - water based

Hybrid, acrylic- polyurethane - water based Lacquer Wood Finish, with very good working and levelling properties, strong adhesion and great performance, with outstanding resistance to frequent washing conditions. Ideal for Interior and Exterior use on already lacquered or non-lacquered wood surfaces. Clear Lacquer is environmentally friendly and low on odor (free of ammonia and other hazardous substances, such as aromatic hydrocarbons, free formaldehyde, heavy metals or thinner).

**Consumption:** 10-12 m² / L per coat on properly prepared surfaces. Consumption may vary depending on the substrate, the surface porosity and the application conditions.

**Surface preparation:** All surfaces should be completely dry and free from various stains, grease, dust, dirt and loose paints. All wood surfaces, new or old, should be rubbed with a suitable sandpaper and then, the dust created by rubbing should be removed.

**Storage:** Containers must be kept closed, in a roof place, protected from frost and direct sunlight.

## VOC (Volatile Organic Compounds)

Colors of Interior / Exterior Decorations and cladding paints for wood and metal (Category A/d, Type Y).
Content Limit Value I (2007): 150 g/L Content Limit Value II (2010): 130 g/L
Maximum V.O.C. Content < 40 g/L (ready for use product)

| Application Data | |
|---|---|
| Stirring | Gentle stirring before use and during the application. |
| Dilution | 0-20% clean water, depending on the type of tool will be used in the application. |
| Application Tools | Roller, Brush or spraying gan |
| Drying time | -To the touch about 2-3 hours<br>- For recoating about 8-10 hours.<br>(Drying times depend on weather conditions.<br>The above information refers to +25°C and 50% RH) |
| Installation Conditions: | - Temperature between + 10°C and 35°C<br>- Maximum Humidity 65% |
| Protect the lacquered surface from rain for at least 24 hours. | |

**Cleaning of Paint Tools:** Tools must be cleaned immediately after use with water or/and detergent agent.

**Safety Information:** Keep out of reach of children · Do not use the empty containers for food storage · Do not get in contact with eyes and skin · In case of contact with skin, wash off immediately with soap and plenty of water or skin cleansing. Get medical attention if any discomfort continues · In case of eye contact, promptly wash eyes with plenty of water. Get medical attention if any discomfort continues · In case of ingestion, get medical attention immediately · Do not empty the mixture into drains or into any other water sources · Handle the empty containers responsibly in accordance with all national regulations.

The final shade depends on the natural color and absorbency of the wood, as well as on the number of layers.

| WEIGHT/ PACKAGE | ITEM CODE CATALOGUE |
|---|---|
| 0.75lt | M020 |
| 2.5lt | M021 |
| 4lt | M022 |

**European Emergency Phone Number: 112**

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# Aqua Enamel




- Interior / exterior use
- Easy to apply
- Strong adhesion
- Long Lasting protection
- Higly Resistance to yellowing and staining

## Hybrid, acrylic-polyurethane

Hybrid, acrylic-polyurethane, water based enamel paint, with very good working and levelling properties, excellent whiteness, great coverage, strong adhesion on even painted surfaces, with outstanding resistance to frequent washing conditions. Ideal for Interior and Exterior use on surfaces of wood, metal, plaster, etc. Low odour product during its application due to the absence of ammonia or other dangerous substances, such as aromatic hydrocarbons, free formaldehyde etc

**Consumption:** 10-12 m² / L per coat on properly prepared surfaces. Consumption may vary depending on the substrate, the surface porosity and the application conditions.

**Surface preparation:** All surfaces should be completely dry and free from various stains, grease, dust, dirt, rust, mold and loose paints. New surfaces such as plastered, concrete, and gypsum boards, must be primed with ALFALIQ PRIMER. Wooden surfaces should be rubbed with a suitable sandpaper and the dust is removed. Metal surfaces must be primed with an anti-rust primer.

## VOC (Volatile Organic Compounds)

Colors of Interior / Exterior Decorations and cladding paints for wood and metal (Category A/d, Type Y).
Content Limit Value I (2007): 150 g/L Content Limit Value II (2010): 130 g/L
Maximum V.O.C. Content < 80 g/L (ready for use product)

| Application | |
|---|---|
| Stirring | Gentle stirring before use and during the application. |
| Dilution | 0 – 15% clean water, depending on the type of tool will be used in the application. |
| Application Tools | Roller or Brush or spraying gan (with maximum water dilution 15%) |
| Number of layers | - To the touch about 2-3 hours<br>- For recoating about 6-6 hours.<br>(Drying times depend on weather conditions.<br>The above information refers to +25°C and 50% RH) |
| Application Tools | Roller or Brush or spraying gan (with maximum water dilution 15%) |
| Installation Conditions | - Temperature between + 10°C and 35°C<br>- Maximum Humidity 80%<br>Newly painted surfaces should be protected from rain for at least 24 hours. |

**Storage:** Containers must be kept closed, in a roof place, protected from frost and direct sunlight.

**Cleaning of Paint Tools:** Tools must be cleaned immediately after use with water or/and detergent agent.

**Safety Information:** Keep out of reach of children · Do not use the empty containers for food storage · Do not get in contact with eyes and skin · In case of contact with skin, wash off immediately with soap and plenty of water or skin cleansing. Get medical attention if any discomfort continues · In case of eye contact, promptly wash eyes with plenty of water. Get medical attention if any discomfort continues · In case of ingestion, get medical attention immediately · Do not empty the mixture into drains or into any other water sources · Handle the empty containers responsibly in accordance with all national regulations.

***Also available with an antibacterial protection**

| WEIGHT/ PACKAGE | ITEM CODE CATALOGUE |
|---|---|
| 0.75lt | M017 |
| 2.5lt | M018 |
| 4lt | M019 |

**European Emergency Phone Number: 112**

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# Epoxy Primer




## 2-Component, EPOXY PRIMER-without solvents

**EPOXY PRIMER –** Hight strength, 2-component clear epoxy primer, without solvents, with high penetrating ability. Is used for in-depth impregnation treatment of cement-based substrates, such as existing and new concrete, floors of industrial and storage areas etc. Suitable for priming cementitious surfaces to be covered with epoxy coatings (EPOXY FLOOR PAINT).

**Substrate preparation**
The substrate must be dry, clean and free of dust, loose materials, oil, grease etc.

**Mixing**
Empty the contents of container B into container A and stir with a low-rpm drill for 2-3 minutes until the complete homogenization of the mixture. When mixing the two components, great care should be taken to ensure that the mixing is done 'calmly' so that air does not become trapped in its mass and bubbles are created.

**Application:** The mixture is applied in one layer, with a roller or brush.

**Notes!**
Epoxy systems are sensitive to ambient temperature and humidity, until their final cure. Pot life is reduced with increased ambient temperatures. Dull or discolored spots appear on the surface and curing time increases at high humidity conditions.
After mixing the two components, the mixture temperature increases.

**Cleaning:** Clean all tools with THINNER, immediately after use.

**Consuption:** 200-300gr/m² depending on the absorbency of the substrate.

**Storage:** 18 months if stored in original unopened packaging, at temperatures between +5 ºC and +35 ºC. Protect from direct sun exposure and frost.

## Technical characteristics (measurement conditions 23 °C & 50%R.H.)

| Product identity | |
|---|---|
| Chemical base | A – Resin - Liquid<br>B - Hardener – Liquid |
| Color | Transparent |
| **Application data** | |
| Mixing ratio A:B | 100:55 by weight |
| Mixture density | 1.05±0.05kg/L |
| Application temperature | +10 °C - +35 °C |
| Pot life | Approximately 40-50min 23 °C |
| Full cure | 7 days - depending on the coat thickness, the ambient temperature and humidity |

**Packaging**
1kg Container: (A: 0.65kg, B: 0.35kg)
5kg Container: (A: 3.2kg, B: 1.8kg)

| WEIGHT/ PACKAGE | ITEM CODE CATALOGUE |
|---|---|
| 1kg | E001 |
| 5kg | E002 |

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# Epoxy Liquid Glass




## Liquid glass resin

**EPOXY LIQUID GLASS** – Two-component, solvent-free clear epoxy resin, suitable for creating and protecting a multitude of decorative applications and interior space surfaces. After hardening, a final surface of great clarity is formed, like glass. Due to its physical shape, EPOXY LIQUID GLASS, is ideal to be applied either as a pouring/casting product or as a coating material in a multitude of substrates, such as clear or colored cementitious coatings on microcement, wood, stones etc.

**Substrate preparation**
The substrate must be dry, clean and free of dust, loose materials, oil, grease etc. The humidity of the substrate should not exceed 5%, while the relative humidity in the application area should be less than 65%.

**Mixing**
Empty the contents of container B into container A and stir with a low-rpm drill for 2-3 minutes until the complete homogenization of the mixture. When mixing the two components, great care should be taken to ensure that the mixing is done 'calmly' so that air does not become trapped in its mass and bubbles are created.

**Application**
***Decorative floors:*** As a varnish for decoration and protection of surfaces made of wood, metal, clay, ceramics, stone, concrete, etc., provided they are clean and completely dry. If the product is used as a varnish or floor coating and there is a need to apply a second coat, it should be applied within the drying time of the first coat. Otherwise, the first coat must be sanded enough so as to remove the gloss finish, clean thoroughly all the dust and grease to ensure good adhesion between the two coats.

***Application in molds*:** Create the mold using flexible materials such as nylon sheets or silicone containers. The initial maturation comes in 24 hours and the full maturation takes place in 7 days depending on the thickness of the layer and the ambient temperature.
After hardening, the imperfections of the application can be sanded with very fine sandpaper and polished.

## Technical characteristics (measurement conditions 23 ºC & 50%R.H.)

| Product identity | |
|---|---|
| Chemical base | A – Resin - Liquid<br>B - Hardener – Liquid |
| Color | Transparent |
| **Application data** | |
| Mixing ratio A:B | 100 : 55 |
| Mixture density | 1.05±0.05kg/L |
| Application temperature | +10 ºC - +35 ºC |
| Pot life | About 40-50 minutes 23 ºC |
| Full cure | 7 days - depending on the coat thickness, the ambient temperature and humidity |

**Notes!**
Not suitable for direct sunlight exposure (becomes cloudy).
Epoxy systems are sensitive to ambient temperature and humidity, until their final cure. Pot life is reduced with increased ambient temperatures. Dull or discolored spots appear on the surface and curing time increases at high humidity conditions.
After mixing the two components, the mixture temperature increases.

**Cleaning:** Clean all tools with THINNER, immediately after use.

**Consumption**
***As pouring product:*** 1kg/m²/mm.
***As coating or varnish:*** Approximately 200gr/m²/coat, on properly prepared surfaces, and always depending on their absorbency

**Storage:** 18 months if stored in original unopened packaging, at temperatures between +5 ºC and +35 ºC. Protect from direct sun exposure and frost.

**Packaging**
1kg Container: (A: 0.65kg, B: 0.35kg)
5kg Container: (A: 3.2kg, B: 1.8kg)
10kg Container: (A: 6.4kg, B: 3.6kg)

| WEIGHT/ PACKAGE | ITEM CODE CATALOGUE |
|---|---|
| 1kg | E003 |
| 5kg | E004 |
| 10kg | E005 |

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# Epoxy Floor Paint




## 2-Component, EPOXY PAINT-without solvents

**EPOXY FLOOR PAINT** – two-component, solvent free, epoxy paint, offering high strength and abrasion resistance. It is resistant to acids, alkalis, salt or chlorinated water, and a large number of solvents. Is used as a roller-applied coating on cement-based substrates, such as cement screeds, concrete, microcemento etc., as well as on steel or iron surfaces. It is suitable for industrial areas, warehouses, stores, car workshops, supermarkets, laboratories, hotels, garages, areas with heavy traffic, etc.

### Directions for use

***Substrate preparation:*** The substrate must be dry, clean and free of dust, loose materials, oil, grease etc. The humidity of the cementitious substrate should not exceed 5%, while the relative humidity in the application area should be less than 65%.). Iron or steel surfaces should be free of rust or any corrosion that might impair bonding. All kind of substrates should be primed with Epoxy Primer.

**Mixing**: Components A (resin) and B (hardener) are packaged in two separate containers, having the correct predetermined mixing ratio by weight. The entire contents of component B is added to component A under continuous stirring. The two components should be mixed with a low-rpm drill for 2-3 minutes until the complete homogenization of the mixture. Mixing should also be done both on the walls as well as at the bottom of the container to ensure complete homogenization of the 2 components

### Application

***For smooth surface:*** The mixture is applied with a roller in one or two coats. The second coat is applied after the first one is dry, but always within the next 24 hours.

### For slip resistant surface

The mixture is poured onto the primed floor and spread it using a floor squeegee. Use a spiked roller and spread the fresh mixture evenly on the surface and eliminate the air bubbles that may have been trapped. While the mixture is still fresh, disperse onto the still fresh coat QUARTZ SAND. 24 hours later remove any loose sand grains with a shop vacuum. Once clean, apply the final topcoat that seals the surface and offers the perfect anti-skid floor.

## Technical characteristics (measurement conditions 23 oC & 50%R.H.)

| Product identity | |
|---|---|
| Chemical base | 2-component epoxy resin without solvents |
| Color | White, grey and other colors upon order |
| **Application data** | |
| Mixing Ratio (A:B) | 100:25 by weight |
| Density | 1.5±0.05kg/L |
| Application temperature | +10 °C - +35 °C |
| Pot life | About 40min at 23 °C |
| Walkability | 24 hours depending on the ambient temperature and humidity |

**Notes**
Epoxy systems are sensitive to ambient temperature and humidity, until their final cure. Pot life is reduced with increased ambient temperature. Dull or discolored spots appear on the surface and curing time increases at high humidity conditions
After mixing of the two components, the temperature of the mixture increases.

**Cleaning:** Clean all tools with THINNER, immediately after use.

**Consumption**
Smooth surface: 250-300gr/m²/layer
Slip-resistance surface: 400-600gr/m²/layer

**Storage**: 18 months from production date if stored in original sealed packaging, in areas protected from humidity and direct sunlight. Recommended storage temperature between +5°C and +35°C.

**Packaging**
1kg (A: 0.8kg, B: 0.2kg)
5kg (A: 4kg, B: 1kg)

| WEIGHT/ PACKAGE | ITEM CODE CATALOGUE |
|---|---|
| 1kg | E003 |
| 5kg | E004 |

**Note:**
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*Acrylic Plaster Silicone*

## ALFALIQ ACRYLIC PLASTER SILICONE

**ALFALIQ ACRYLIC PLASTER SILICONE** is a ready-to-use, white or colored, texture coating based on silicone and acrylic resins, suitable for both interior and exterior surfaces (plaster, concrete, cement boards, gypsum boards, etc.). It consists of aggregate with special particle size to form even smooth or rough textured decorative effects, according to each unique personal preference.

**Benefits:**

- Excellent adhesion and alkaline resistance
- Excellent workability-fast application
- Highly resistance to UV rays and ageing
- Cracking prevention
- High water - repellency and excellent vapor permeability
- Suitable for indoor and outdoor application

**Directions for use**

**Surface preparation:** Substrate must be dry, free of dust or loose particles etc. Prior the application of the texture coating, prime the surface with ALFALIQ COLOR & PLASTER PRIMER (alkali resistance white or colored primer) or with ALFALIQ PRIMER, especially when substrates are old or absorbent.

**Weather Conditions**: Use at temperatures between +5ºC and +35ºC. Too high or too low temperatures, it might cause a negative reaction to the product.

**Consumption:** 2.5 - 3 kg/m² (depending on granulometry and surface)

**Storage:** 18 months if stored in original, unopened packaging, in a dry place. Protect from direct sun exposure and freezing weather.

## Application

ALFALIQ ACRYLIC PLASTER SILICONE is applied after the primed surface has completely dried (max 24 hours after primer application). Stir the plaster well before use. Plaster is applied by hand using a stainless-steel trowel in one direction starting from the lowest parts. While is still fresh the plaster is treated (pressed) by plastic float, in horizontal, vertical or circular movements depending on the depending on the desired effect. Once the application of the material is completed protect the coated surface from high temperatures, rain and frost (about 24 hours). The final surface, which is coated with ALFALIQ ACRYLIC PLASTER SILICONE, does not need to be painted, however if repainting is desired, you can use acrylic paint. In such case, firstly coat the surface with Alfaliq Primer and then apply the paint.

## Technical characteristics (measurement conditions 23 oC & 50%R.H.)

| **Product identity** | |
|---|---|
| Consistency | Paste |
| Granulometry | ≤ 0.8mm (with quartz for graffiato effect)<br>≤ 1 mm (flat finish)<br>≤1.5 mm<br>≤ 2mm |
| Colour | White or colored |
| Dry Solid content (%) | 1.9 ± 0.1 kg/lt |
| Dry Bulk Density | 80-85% |
| Storage | 18 months in a dry place in original unopened packaging |
| Toxicity / Inflammability | NO |
| **Application data** | |
| Preparation | Ready to use |
| Application temperature range | +5 °C - +35 °C |
| pH of the mix | >8.5 |
| Consumption | 2.5-3kg/m², depending on the granulometry |
| **Performance Characteristics according EN 15824 – Textured Coatings for Internal and External Use based on Organic Binders:** | |
| Adhesion - EN 1542 | ≥1 N/mm² |
| Water absorption - EN 1062-3 | Class W3 ($w < 0.1\ kg/m^2.min^{0.5}$) |
| Water Vapour Permeability – EN ISO 7783-2 | Class V1, high (Sd ≤ 0.14 m) |
| Thermal Conductivity – EN 1745 | ≈ 0.7 W/m.K - given table value |
| Reaction to Fire – EN-13501 | A2-S1,d0[1]<br>B-S1,d0[2] |

[1] **ETICS with stone wool**
[2] **ETICS with XPS**

| COLOR | WEIGHT/ PACKAGE | ITEM CODE CATALOGUE |
|---|---|---|
| Λευκό | 5kg | H005 |
| | 25kg | H006 |

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UV Thermal
Silicone Plus

## ALFALIQ UV THERMAL SILICONE PLUS

**ALFA UV THERMAL-Silicon Plus** is a ready to use thick pasty, acrylic-silicone, scratch effect plaster. It consists of aggregates with a special particle size granulation, to form a coarse-textured decorative surface. It can be applied on all kind of building materials, like render, concrete, cement boards, gypsum boards etc. Suitable for exterior and interior applications and replace the final render coat. Due to its high elasticity and excellent bonding to the substrate, it is also an ideal final layer for external, thermally insulated facades. Protects and decorates buildings view by giving an attractive texture effect on the surface without any need for additional facade painting.

**Benefits:**

- Excellent adhesion and alkaline resistance
- Excellent workability-fast application
- Highly resistance to UV rays and ageing
- Cracking prevention
- High water repellency and Excellent vapor permeability
- Suitable for indoor and outdoor application

**Directions for use**

**Surface preparation:** Substrate must be dry, free of dust or loose particles etc. Prior the application of the texture coating, prime the surface with ALFALIQ COLOR & PLASTER PRIMER (alkali resistance white or colored primer) or with ALFALIQ PRIMER, especially when substrates are old or absorbent.

**Weather Conditions**: Use at temperatures between +5°C and +35°C. Too high or too low temperatures, it might cause a negative reaction to the product.

**Consumption:** 2.5 - 3 kg/m² (depending on granulometry and surface)

**Storage:** 18 months if stored in original, unopened packaging, in a dry place. Protect from direct sun exposure and freezing weather.

## Application

ALFALIQ UV THERMAL-SILICONE PLUS is applied after the primed surface has completely dried (max 24 hours after primer application). Stir the silicone plaster well before use. Plaster is applied by hand using a stainless-steel trowel in one direction starting from the lowest parts. While is still fresh the plaster is treated (pressed) by plastic float, in horizontal, vertical or circular movements depending on the depending on the desired effect. Once the application of the material is completed protect the coated surface from high temperatures, rain and frost (about 24 hours). The final surface, which is coated with Alfaliq UV Thermal Silicone, does not need to be painted, however if repainting is desired, you can use acrylic paint. In such case, firstly coat the surface with Alfaliq Primer and then apply the paint.

## Technical characteristics (measurement conditions 23 oC & 50%R.H.)

| **Product identity** | |
|---|---|
| Consistency | Paste |
| Granulometry | ≤ 0.8mm (with quartz for graffiato effect)<br>≤ 1 mm (flat finish)<br>≤1.5 mm<br>≤ 2mm |
| Colour | White or colored |
| Dry Bulk Density | 1.9 ± 0.1 kg/lt |
| Dry Solid content (%) | 80-85% |
| Storage | 18 months in a dry place in original unopened packaging |
| Toxicity / Inflammability | NO |
| **Application data** | |
| Preparation | Ready to use |
| Application temperature range | +5 °C - +35 °C |
| pH of the mix | >8.5 |
| Consumption | 2.5 - 3 kg/m$^2$ |
| **Performance Characteristics according EN 15824 – Textured Coatings for Internal and External Use based on Organic Binders** | |
| Adhesion - EN 1542 | 1.15 N/mm² |
| Water absorption – EN 1062-3 | Class W3 (w < 0.1 kg/m$^2$.min$^{0.5}$) |
| Water Vapour Permeability – EN ISO 7783-2 | Class V1, υψηλή (Sd ≤ 0.14 m) |
| Thermal Conductivity – EN-1745 | ≈ 0.7 W/m.K |
| Reaction to Fire – EN-13501 | A2-S1,d0[1]<br>B-S1,d0[2] |

[1] **ETICS with stone wool**
[2] **ETICS with XPS**

| COLOR | WEIGHT/ PACKAGE | ITEM CODE CATALOGUE |
|---|---|---|
| White / Silicone | 5kg | H002 |
| | 25kg | H004 |

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*Color & Plaster Primer*

## ALFALIQ COLOR & PLASTER PRIMER

**ALFALIQ COLOR & PLASTER PRIMER** - white waterborne primer, based on acrylic resins, for exterior and interior use. It offers high adhesion and coverage and blocks water-soluble stains on the substrate, so that they do not appear on the final color. Suitable for surfaces to be covered with paint and texture coating and substrates polluted with smoke, nicotine, exhaust fumes, water soluble markers, pencil stains etc. It prevents the appearance of water-soluble stains on the final color.

**Directions for use**
**Surface Preparation:** Surfaces should be smooth, clean and dry, free from grease, dust, loose or flaking paint, while any imperfections must be restored. New surfaces made of plaster, concrete, rendering, plaster-board etc., are sanded with a suitable abrasive paper and then painted with ALFALIQ COLOR & PLASTER PRIMER.

**Storage:** 18 months if stored in original unopened packaging, at temperatures between +5 ºC and +35 ºC. Protect from direct sun exposure and frost.

| Application | |
|---|---|
| Application | Stir well before use. Apply one coat by roller or brush |
| Touch dry | 30-60min depending on weather conditions (humidity & temperature). |
| Viscosity | 95±5 KU |
| pH | 8.5-9 |
| Recoated time | 4 – 6 hours, depending on weather conditions |
| Consumption | 8 - 10 $m^2$/ L, per coat on properly prepared surfaces. |
| Weather Conditions | Do not apply at temperatures below 5°C, above 35°C and/or relative humidity |
| Dilution | Ready for use |

**Excellent adhesion and workability**

**COLOR**
White or Colored

**WEIGHT/PAC**
1lt 10lt
5lt 15lt

**CODE CATALOGUE**
P015 P017
P016 P018

## VOC (Volatile Organic Compounds)

EU maximum VOC content limit values (Directive 2004/42/CE) for this product (category A/g "Primers", Type WB): 30 g/L. This product contains maximum 15 g/L VOCs (ready for use).

Pittakis
BUILDING MATERIALS

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