

## Technical quality

RAFFAELLO DECOR STUCCO classic decorative render recalls the beauty and charm of the Italian Renaissance culture, conferring richness and elegance to any environment. Ecological and based on natural lime processed in the traditional way, it can be formed to express a variety of sensations including mirror polished, semi-gloss and opaque marble extended continuously across the surface. It guarantees the utmost transpiration whilst favouring the natural diffusion of humidity through the plaster and masonry, preventing the formation of mould and bacteria over time.

## Applications

Wall decoration and interior furnishings

## Surface preparation

Clean surfaces and apply a coat of IL PRIMER by OIKOS fixative in order to ensure the perfect anchoring to surfaces.

## Means of application

### Stucco Venezia (Tiziano)

For an impeccable finish, apply three coats of the product using the special Stainless-steel Spatulas by OIKOS (Articles 112-113-114)

- **First coat:** proceed with smoothing the surface using RAFFAELLO DECOR STUCCO. Wait 6-8 hours until dry.

- **Second coat:** scrape to achieve a final smoothing out of the wall, until the surface is completely smooth but not glossy. Wait 6-8 hours until dry.

- **Finish:** apply a thin layer of product, partially superimposing the passages whilst simultaneously proceeding with polishing to smooth the surface with the spatula blade.

Depending on the intensity of the smoothing and the instrument used for finishing, it is possible to obtain a matte, satin or gloss effect.

Yield: 1.1-1.7 m<sup>2</sup>/kg

### Stucco Firenze (Leonardo)

Apply a coat of RAFFAELLO DECOR STUCCO with a stainless-steel spatula so as to achieve a smooth and regular skim without obvious imperfections.

Once dry, apply a second coat of the product, creating small overlapping tool markings using a Small Spatula (Article 11). Once dry, apply an additional coat of the product in the same manner in order to highlight the processing, proceeding to further smooth the surface.

Yield: 1.1-1.7 m<sup>2</sup>/kg

### Stucco Roma (Bernini)

Apply one or two coats of RAFFAELLO DECOR STUCCO with a stainless-steel spatula until achieving a smooth and regular skim without obvious imperfections.

## Application

Dilution	Dilute with potable water according to the processing to be carried out.
Yield	The yield varies depending on the desired effect
Tools	Steel spatulas, Tampone Millerighe, Brush by Oikos
Primers	Il Primer by Oikos
Bases	Stucco In Pasta Per Rasatura by Oikos
Protections	Protettivo Per Stucco e Marmorino - Cera Per Stucco - Finitura Madreperlata
Application temperature	+5° C to +36° C (with relative humidity not exceeding 80%)
Time until touch dry	1 hour (temperature = 20° C with 75% relative humidity)
Drying time	20-24 days (temperature = 20° C with 75% relative humidity)
To clean tools	Water

## Product

Composition	A base of lime putty, natural additives, inorganic pigments with a base of iron oxides and coloured earth.
Specific weight	1,5 Kg/l +/- 3%
pH	12 ÷ 13
Viscosity	60,000-80.000 Brookfield CPS (RVT 20 turns/min. at 25° C)
Storage temperature	+2°C ÷ +36°C. Protect from frost
Fire reaction	Negative when the product is applied on a non-flammable surface; water-based material with a dry thickness of less than 0.600 mm
Water vapour permeability Sd	0,05 m (max. Permitted limit 2 m, DIN 52 615)
Emission limits of Volatile Organic Compounds (VOCs) according to directive 2004/42/EC	Classification: A/I; VOC: 8 g/l (maximum); Limit Phase I (from 1.1.2007): 300 g/l, Limit Phase II (from 1.1.2010): 200 g/l
Colours	Chart shades
Packaging	1 – 5 – 20 Kg
Warnings	Avoid prolonged contact with the skin; if necessary, wash thoroughly with soap and water. If irritation persists, please consult a doctor. Avoid contact with the eyes; in case of accidental contact, wash thoroughly with sugar water and if irritation persists, please consult a doctor.

Once dry, create texture pats with a stainless-steel spatula in a colour of RAFFAELLO DECOR STUCCO that contrasts with that used for the previous skimming. Slightly smooth and work away any streaks using the spatula blade.

Any exceedingly obvious build-ups can be removed with fine sandpaper.

When the strokes are well dried, skim the surface once more using one or two coats of the same colour RAFFAELLO DECOR STUCCO used for the base, proceeding to smooth out the surface. Once dry, apply a coat of Stucco Wax to further enhance the grain.

Yield: for bases and finishes: 1-1.2 m<sup>2</sup>/kg, for striping 6-7 m<sup>2</sup>/kg

### Stucco Vicenza (Palladio)

Using a brush, apply a coat of RAFFAELLO DECOR STUCCO diluted to 10% with cross-strokes. Once dry, apply a second coat of undiluted RAFFAELLO DECOR STUCCO with a stain-

less-steel trowel, smoothing the surface without leaving any build-ups, removing any excess material and smoothing the surface.

Yield: 1.1-1.3 m<sup>2</sup>/kg

### Stucco Carrara (Michelangelo)

Apply a coat of RAFFAELLO DECOR STUCCO with a stainless-steel spatula, seeking to enhance the strokes. Once dry, apply a second coat of the product in the same mode before smoothing out the surface. Using the spatula blade, immediately apply a small amount of product to create the grains, then smooth and polish the surface. Once dry, apply a third coat of RAFFAELLO DECOR STUCCO to smooth and polish the surface once more.

Yield: 2-2.4 m<sup>2</sup>/kg

### Stucco Milano (Bramante)

Apply a coat of RAFFAELLO DECOR STUCCO with a stainless-steel spatula, seeking to enhance the strokes. Once dry, apply a second coat of

the product in the same mode before smoothing out the surface. Immediately apply patches of the product to the surface, placing a small amount of RAFFAELLO DECOR STUCCO on the flat side of the trowel and dabbing on the surface. Smooth and polish the surface.

Yield: 2-2.4 m<sup>2</sup>/kg

#### **Stucco Napoli (Vanvitelli)**

Apply a coat of RAFFAELLO DECOR STUCCO with a stainless-steel spatula in order to achieve a smooth wall surface.

Once dry, apply a second coat of the product in a generous thickness before immediately working with the Tampone Millerighe (Article 133) vertically and horizontally to create cross-strokes. When the product begins to dry slightly, crush the ridges with the flat side of the trowel and polish once the level of drying permits.

Yield: 0.9-1.1 m<sup>2</sup>/kg

#### **Stucco Tivoli (Borromini)**

Apply a coat of RAFFAELLO DECOR STUCCO with a stainless-steel spatula in order to achieve a smooth wall surface.

Once dry, apply a second coat of the product in a generous thickness then immediately work with Tampone Millerighe (Article 133) to create the veining. When the product begins to dry, smooth the surface with the spatula blade, leaving some strokes exposed. Once dry, skim the surface with two wet-on-wet coats of RAFFAELLO DECOR STUCCO before proceeding to smooth out the surface. Once dry, apply a coat of Stucco Wax or Finitura Madreperlata to further enhance the grain.

Yield: 0.9-1 m<sup>2</sup>/kg

### **Finishes and Protections**

To augment the polishing and protection, Cera Per Stucco by Oikos after 6 to 8 hours.

To enhance the polishing, protect and add a mother-pearl effect apply Finitura Madreperlata by Oikos after 6 to 8 hours.

If a more resistance and washable surface is preferred, apply Protettivo Per Stucco E Marmorino by Oikos after 4-5 days.

### **Safety information**

The product is free from heavy metals such as lead or chrome. It contains no toxic solvents, aromatics or chlorides. Hazardous polymerisation does not occur. The product is classified as hazardous according to the provisions of Regulation (EC) 1272/2008 (CLP) and subsequent amendments and adjustments. For more information, please refer to the Safety Data Sheet. No special requirements are necessary for storage and handling; the containers, residues, eventual spillages of the material should be cleaned up using absorbent inert material such as sand or soil and then disposed of in accordance with the current regional and national regulations in force. Transportation must be carried out in accordance with international agreements.

### **Specifications**

Thoroughly clean the surface, removing any loose or flaking material. Apply a fixative primer such as II PRIMER by OIKOS then allow to dry. Subsequently, create a ..... stucco finish using RAFFAELLO DECOR STUCCO by OIKOS. All this must be carried out in accordance with the norms of application with a cost of ..... per m<sup>2</sup>, including material and installation.

### **Note**

The company Oikos SPA guarantees that the information contained in this technical data sheet is correct, to the best of its technical and scientific knowledge.

Notwithstanding the foregoing, Oikos assumes no responsibility for the results obtained through the use of its product in that the means of application are beyond the scope of its control and/or verification. As such, we recommend checking that each product is suited to the specific case.