

APPLICATION MANUAL FOR RESIN LAYER

SPAZIOCONTINUO® presents its new range of continuous resin coverings, featuring highly prestigious decorative effects, in line with current trends and satisfying the latest demands by architects, designers and end users.

Three-component system

Available textures

- **SpazioCemento**
 - **SpazioResina**
-

Single component system

Available textures

- **SpazioChiaroscuro**
- **SpazioMetallo**

Three-component system

Description

The system consists in a range of products, which are then layered and combined to obtain several different effects and finishes. The products are made of water-based flexible epoxy resin composites.

Use

Walls and floors in indoor environments, shops, showrooms, homes, laboratories and offices.

Possibility for installation on top of existing ceramic, agglomerate, natural stone floors, concrete slabs and screeds.

Underfloor heating.

Texture

● SpazioCemento

Plain coloured, spatula effect texture featuring excellent resistance against abrasion.

Suitable for floors, also in commercial environments subject to heavy traffic such as shops and showrooms.

● SpazioResina

Smooth spatula effect texture with light and shade effects. Allows the combination of different contrasting shades.

Colours

Thanks to our tintometrics system, we can develop a broad range of colours based on international RAL and NCS colour charts.

Single component system

Description

This system has been developed to create protective and decorative wall finishes with high visual appeal, with a matt spatula or metallic satin finish effect.

Use

Indoor walls.

For areas in contact with water such as bathrooms and shower boxes, apply a clear matt, glossy or satin finish protective coating.

Texture

● SpazioChiaroscuro

Decorative and protective wall finish with a matt spatula effect.

Colours

Thanks to our tintometrics system, we can develop a broad range of colours based on international RAL and NCS colour charts.

● SpazioMetallo

Decorative and protective wall finish with a metallic satin finish effect

Colours

Bianco Metallo, Grigio Metallo, Nero Metallo, Cuoio Metallo

Application cycle		STAGE 1			STAGE 2		STAGE 3		STAGE 4		
Stages and products		Preparation of substrates					Finishes				
		Preparation of application surface			Development of filler layer		Application of decorative finish			Topcoat	
		sanding and removal of dust (abrasive 40-60 grit mesh)	Fissativo Mono (1 coat)	Prepara Fondo + Reinforcing mesh (1 coat)	Rasante Pavimento TRI (2 coats)	Rasante Parete TRI (2 coats)	sanding and removal of dust (abrasive 60-80 grit mesh)	SpazioCemento SpazioResina (2 coats)	sanding and removal of dust (abrasive 80-120 grit mesh)	Glossy/matt/satin finish topcoat (2 coats)	
Total consumption (kg/m ²)			0.2 - 0.3	0.8-1	2	2	-	1	-	0.15	
Drying time (hrs) for each layer (t=23°C R.H.=60%)			3-5	8	6-8	6-8	-	6-8	-	12	
SUBSTRATES IN INDOOR ENVIRONMENTS											
FLOORS	Cement screed		X	X	X		X	X	only for Spazioresina	X	
	Underfloor heating cement screed after thermal shock cycle		X	X	X		X	X		X	
	Concrete	X		X	X		X	X		X	
	Existing ceramic, mosaic, agglomerate and stone floors	X		X	X		X	X		X	
WALLS	Bare cement renders		X	X		X	X	X		X	
	Existing ceramic, mosaic and stone coverings	X		X		X	X	X		X	
	Concrete	X		X		X	X	X		X	
	Normal or waterproof gypsum board without finishing smoothers		only on grouting	X		X	X	X		X	
	Lightweight panels (WEDI-SCHLUETER)			X		X	X	X		X	
	Smooth cement panels		X	X		X	X	X		X	
Mobile or wooden structures	Horizontal surfaces	only if surfaces have been treated		X	X		X	X	X		
	Vertical surfaces			X		X	X	X	X		

See the technical data sheet of products beforehand to ensure correct application.

STAGE 1

Preparation of application surface

Existing ceramic, mosaic, agglomerate or stone coverings, concrete substrates: roughen with a single brush or sander (abrasive 40/60 grit mesh), clean and vacuum.

- **Products to be used:**

Fissativo MONO

Cement screeds or bare cement renders (without finishing layer): one coat of Fissativo MONO to consolidate the surface.

Application: roller or brush.

Consumption: 0.2 - 0.3 kg/m²

Drying time: 3-5 hrs

- **Products to be used:**

Prepara Fondo + Reinforcing mesh (basis weight=75 g/m²)

Cover the surface with the **Reinforcing mesh**, with an overlap of no more than 2 cm and without creating any ripples (use adhesive paper strips to help).

Apply the **Prepara Fondo** onto the mesh, spreading it evenly across the entire surface until completely covering the mesh.

Application: smooth plastic trowel with rounded edges.

Consumption: 0.8 - 1 kg/m²

Drying time: 8 hrs

- **Floor to wall continuity**
- **Coverage of int. and ext. corners**
- **Structural elevations (stairs, ornamental structures)**

Insert a reinforcing strip on the internal and external corners, burying it between two layers (fresh on fresh) of the Prepara Fondo adhesion promoter.

STAGE 2

Development of filler layer FLOORS

- **Products to be used:**
Rasante Pavimento TRI (White colour)

Mix

Pour comp. B into comp. A, stir with mixer at low speed and without incorporating air. While stirring, add comp. C and mix until obtaining a homogeneous paste. Do not dilute the product with water. Apply within 30 minutes.

WALLS

- **Rasante Parete TRI** (Grey colour)

Mix

Pour comp. A into comp. B, stir with mixer at low speed and without incorporating air. While stirring, add comp. C and mix until obtaining a homogeneous paste. Do not dilute the product with water. Apply within 30 minutes.

FIRST COAT

Apply a thick layer of product and level down to a minimum thickness.

Application: smooth steel trowel with rounded edges.

Consumption: 1 kg/m²

Drying time: 6-8 hrs

SECOND COAT

(within 36 hours of first coat)

Apply an additional layer of product to obtain a smooth and flat surface.

Application: smooth steel trowel with rounded edges.

Consumption: 1 kg/m²

Drying time: 6-8 hrs

- **Steps, stairs in concrete, stairs with existing ceramic or stone coverings**
Reinforce the external corner of steps by inserting an aluminium staff angle, covering it with a layer of Rasante Pavimento/Parete TRI.

STAGE 3

Application of decorative finish

- **Products to be used:**
SpazioCemento or
SpazioResina

Mix

Pour comp. A into comp. B, stir with mixer at low speed and without incorporating air. While stirring, add comp. C and mix until obtaining a homogeneous paste. Apply within 30 minutes.

FIRST COAT

SPAZIOCEMENTO/SPAZIORESINA

Sand (abrasive 60/80 grit mesh), vacuum and clean with a damp microfibre cloth. Apply a thick layer of product and level down to a minimum thickness without exerting excessive force on the trowel.

Application: smooth steel trowel with rounded edges.

Consumption: 0.5 kg/m²

Drying time: 6-8 hrs

SECOND COAT SPAZIOCEMENTO (within 36 hours of first coat)

Apply an additional consistent layer and level down to a minimum thickness; by way of the trowel edge, a slightly irregular effect will be produced, typical of cement surfaces.

SECOND COAT SPAZIORESINA (within 36 hours of first coat)

Apply and level down to a minimum thickness, making small semi-circular movements with the trowel in opposite directions using the "on-off" technique.

Application: smooth steel trowel with rounded edges.

Consumption: 0.5 kg/m²

Drying time: 6-8 hrs

STAGE 4

Application of topcoat

- **Products to be used:**
Matt/Satin/Glossy finish topcoat

Mix

Pour all of component A into the container with component B, mix using a drill with spiral mixing paddle at low speed for about 1 minute and without incorporating any air, until product is homogenised.

Apply within 30 minutes.

FIRST COAT

Sand with a single brush (abrasive 80-120 grit mesh), vacuum and clean with a damp microfibre cloth (for Spazioresina texture only).

Apply clear topcoat (matt, satin or glossy finish), as final layer to protect underlying finishing layers.

Application: short pile velvet roller

Consumption: 75 g/m²

Drying time: 12 hrs

SECOND COAT

Repeat the application with another layer of topcoat.

Application: short pile velvet roller.

Consumption: 75 g/m²

Drying time: 12 hrs

● SpazioChiaroscuro ● SpazioMetallo
Summary table of single component system application cycle

Application cycle		STAGE 1			STAGE 2			STAGE 3		STAGE 4
		Only on existing ceramic, mosaic and stone coverings								
Stages and products		Preparation of substrates						Finishes		
		Preparation of application surface Development of filler layer			Preparation of application surface Development of regularisation layer			Application of decorative finish		Topcoat
		sanding and removal of dust (abrasive 40-60 grit mesh)	Prepara Fondo + Reinforcin g mesh (1 coat)	Rasante Parete TRI (2 coats)	sanding and removal of dust (abrasive 60-80 grit mesh)	Fissativo Mono (1 coat)	Rasante Parete Mono (2 coats)	sanding and removal of dust (abrasive 120 grit mesh)	SpazioChiaroscuro SpazioMetallo (2 coats)	Glossy/Matt/ Satin finish topcoat (2 coats - only in humid environments)
Total consumption (kg/m ²)			0.8-1	2		0.2-0.3	0.6		0.250	0.15
Drying time (hrs) for each layer (t=23°C R.H.=60%)			8	6-8		3-5	5-6		3-5	12
SUBSTRATES IN INDOOR ENVIRONMENTS										
WALLS	Cement renders with fine mortar finish or gypsum renders with or without water paints (tempera-based finishes must be mechanically removed by first wetting the substrate, then stripping the paint using a smooth steel trowel)					X	X	X	X	X
	Existing ceramic, mosaic and stone coverings	X	X	X	X		X	X	X	X
	Normal and waterproof gypsum board					Only on grouting	X	X	X	X
	Lightweight panels (WEDI-SCHLUETER)						X	X	X	X
	Smooth cement panels, wooden panels					X	X	X	X	X

See the technical data sheet of products beforehand to ensure correct application.

STAGE 1

- Cycle for existing ceramic, mosaic and stone coverings.

Preparation of application surface

Products to be used: Prepara Fondo + Reinforcing mesh (basis weight=75 g/m²)

Existing ceramic, mosaic, agglomerate or stone coverings: sand with sander (abrasive 40/60 grit mesh), clean and vacuum.

Cover the surface with reinforcing mesh with an overlap of 2 cm.

Apply the Prepara Fondo onto the mesh, spreading it evenly until completely covering the mesh.

Application: smooth plastic trowel with rounded edges.

Consumption: 0.8 - 1 kg/m²

Drying time: 8 hrs

Development of filler layer

- **Products to be used:**

Rasante Parete TRI (grey colour)

Mix

Pour comp. A into comp. B, stir with mixer at low speed and without incorporating air. While stirring, add comp. C and mix until obtaining a homogeneous paste. Do not dilute the product with water. Apply within 30 minutes.

FIRST COAT

Apply a thick layer of product and level down to a minimum thickness.

Application: smooth steel trowel with rounded edges.

Consumption: 1 kg/m²

Drying time: 6-8 hrs

SECOND COAT

(within 36 hours of first coat)

Apply an additional layer of product.

Application: smooth steel trowel with rounded edges.

Consumption: 1 kg/m²

Drying time: 6-8 hrs

STAGE 2

- Cycle for cement renders, gypsum board, lightweight panels, smooth cement and wooden panels.

Preparation of application surface

Products to be used: Fissativo Mono

Cement renders with fine mortar finish or gypsum smoothers, water paints: apply one coat as an insulating primer. Cement renders with fine mortar finish or gypsum smoothers with tempera-based finish: remove the tempera paint mechanically, wetting the substrate first and then stripping it, then apply one coat. Gypsum board (also waterproof): apply one coat only on the grouting in the joints.

Application: brush or roller.

Consumption: 0.2-0.3 kg/m²

Drying time: 3-5 hrs

Lightweight panels in smooth cement, in wood: insert a self-adhesive mesh strip between the joints, covering it with two layers of Rasante parete MONO.

- Cycle for existing ceramic, mosaic and stone coverings.

- Cycle for cement renders, gypsum board, lightweight panels, smooth cement and wooden panels.

Development of regularisation layer

- **Products to be used:**

Rasante Parete Mono

FIRST COAT

Only for cycle on existing coverings, sand (abrasive 60/80 grit mesh).

Apply and level accurately.

Application: smooth steel trowel with rounded edges.

Consumption: 0.30 kg/m²

Drying time: 5-6 hrs

SECOND COAT

Apply and level down to a minimum thickness, without leaving any excess product.

Application: smooth steel trowel with rounded edges.

Consumption: 0.30 kg/m²

Drying time: 5-6 hrs

STAGE 3

- Cycle for existing ceramic, mosaic and stone coverings.

- Cycle for cement renders, gypsum board, lightweight panels, smooth cement and wooden panels.

Application of decorative finish

- **Products to be used:**

Single component SpazioChiaroscuro or SpazioMetallo finish

FIRST COAT

Sand (abrasive 120 grit mesh), vacuum and clean with a damp microfibre cloth.

Apply, making sure the substrate is perfectly covered, then trowel again using opposing strokes to thin down the layer.

Application: smooth steel trowel with rounded edges.

Consumption: 0.125 kg/m²

Drying time: 3-5 hrs

SECOND COAT

Apply using the "on-off" technique to create reliefs and make the spatula strokes visible.

Application: smooth steel trowel with rounded edges.

Consumption: 0.125 kg/m²

Drying time: 3-5 hrs

STAGE 4

- Cycle for existing ceramic, mosaic and stone coverings.

- Cycle for cement renders, gypsum board, lightweight panels, smooth cement and wooden panels.

Application of topcoat

- **Products to be used:**

Matt/Satin/Glossy finish topcoat

USE

Only on walls in humid environments such as bathrooms or shower boxes

MIX

Pour all of component A into component B, mix using a drill with spiral mixing paddle at low speed for about 1 minute and without incorporating any air, until product is homogenised. Apply within 30 minutes.

FIRST COAT

(24 hours after applying the previous layer)

Apply clear topcoat (matt, satin or glossy finish), as final layer to protect the decorative texture.

Application: short pile velvet roller.

Consumption: 75 g/m²

Drying time: 12 hrs

SECOND COAT

(12 hours after applying the first coat)

Repeat the application with another layer of topcoat.

Application: short pile velvet roller.

Consumption: 75 g/m²

Drying time: 12 hrs

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