



# **JOINT COMPOUND**

*Ready-to-use leveling plaster for interior walls*

## **1- Product description**

**Joint Compound** is a surfacing compound based on 100% acrylic polymer. **Joint Compound** will be used to cover and retain the fiberglass mesh and as a leveling layer to prepare gypsum walls or cement block walls to receive the finish coat on the inside.

## **2 Covered surface area**

An 18.9L container covers 140 ft<sup>2</sup> (13 m<sup>2</sup>).

All covering powers are approximate; they depend on the support material, the reliefs and the individual techniques of application.

## **3- Mixture**

- The compound is for indoor use only.
- The compound is used in a system to make the surface smooth, ready to receive a 100% acrylic finish such as Stef Fine & Regular or a compatible paint accepted by its manufacturer, **Stef inc.**
- No products such as antifreeze, accelerator or other can be added.

## **4- Installation**

- Lightly mix the product before application to make it more liquid.
- Trowel all over the surface to a thickness of approximately 3/32 "(2.4mm) per coat.
- The surface and ambient air temperature must be 5°C (41°F) or higher and remain so for a minimum of 24 hours.
- Allow the surface to dry between each coat.
- Repeat this operation until you obtain a smooth surface, free of ripples and significant defects.  
Light sanding can be done between each layer to eliminate sharp edges.
- Ambient and substrate surface temperatures should be maintained at 5°C (41°F) and above for a minimum of 24 hours.
- During installation, minimize exposure of containers to temperatures above 32°C.

## **5-Surface preparation:**

The surfaces to be recovered must not be painted; they must be clean, dry and free of any foreign material or damage. They must be free of grease and oil and other products that will prevent good bonding.

## **6-Drying:**

**Joint Compound** coating drying time depends on the ambient air and relative humidity. Under normal drying conditions (21°C and 55% RH), drying time is 24 hours. Protect the wall from the weather. Applying **Joint Compound** as a levelling coat:

- All irregularities exceeding 1/16" (1.6 mm) on the insulation panels must be sanded.
- Apply **Joint Compound** over the entire surface.
- Cracks more than 1/8 "(0.8 mm) wide must have fiberglass mesh.
- If that is the case, embed the fiberglass mesh in the base coat passing the trowel from the center to the edges of the mesh reinforcement to avoid creasing it. The mesh must be continuous at the corners and overlap. There must be enough **Joint Compound** to completely embed the mesh.
- All areas requiring superior impact resistance, should be detailed on the plans and described in the contract documents.

**Joint Compound** coat should be approximately 3/32" (2.4 mm) and applied according to **Stef** specifications.

If necessary, **Joint Compound** can be sanded to remove imperfections.

**Cleaning:**

Clean tools with water while the **Joint Compound** mixture is still wet.

**7- Product storage**

**Joint Compound** should be stored in well-sealed containers at a temperature of at least 5°C (41°F). Keep away from frost. The service life of the product is 1 year.

**8- Transportation conditions**

Regulated shipping name: not applicable.

TDM category: Not regulated.

Note: This product requires no special measures for international transport.

**9- Physical properties:**

<b>Performance of Joint Compound *</b>	
Mold resistance ASTM C1338 No Mold Formation	Successful
Adhesion ASTM D1623 (≥ 0.8 Mpa) on concrete and gypsum	Successful

\* Internal result obtained in the laboratory of **Stef inc.**

According to the ASTM and CCMC and to the best of our knowledge

