

## YAYLA Joint Filler

Cement-based joint filling material with high polymer additives, elastic, anti-bacterial, resistant to temperature changes and water, applicable for 2 - 10 mm joint gaps in all types of coatings.

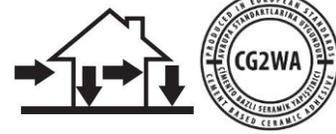
### AREAS OF USE

YAYLA Joint Filler is suitable for filling joints of 2 - 10 mm in all types of coatings such as ceramic, natural stone, granite ceramic, marble on floors in bathrooms, terraces and wet areas, heated floors with high temperature changes and high-traffic floors in indoor and outdoor horizontal and vertical joint gaps.



### PRODUCT ADVANTAGES

- Prevents bacteria, mold, fungus and algae formation thanks to its anti-bacterial property.
- High performance and elastic.
- Reduced water absorption and high abrasion resistance due to special additives.
- Provides crack-free and smooth appearance.
- Wide color range with durable and non-fading colors.
- Resistant to water, frost and temperature changes.
- Easy to prepare and apply.



### PERFORMANCE

Property	Value	Test Method
High abrasion resistance	$\leq 1000 \text{ mm}^3$	TS EN 12808 - 2
Flexural strength after dry storage	$\geq 2.5 \text{ N/mm}^2$	TS EN 12808 - 3
Flexural strength after freeze-thaw cycles	$\geq 2.5 \text{ N/mm}^2$	TS EN 12808 - 3
Compressive strength after dry storage	$\geq 15 \text{ N/mm}^2$	TS EN 12808 - 3
Compressive strength after freeze-thaw cycles	$\geq 15 \text{ N/mm}^2$	TS EN 12808 - 3
Shrinkage	$\leq 3 \text{ mm/m}$	TS EN 12808 - 4
Reduced water absorption after 30 min	$\leq 2 \text{ g}$	TS EN 12808 - 5
Reduced water absorption after 240 min	$\leq 5 \text{ g}$	TS EN 12808 - 5

The foregoing values represent the results of laboratory tests conducted at  $23 \pm 2^\circ\text{C}$  temperature and  $50\% \pm 5$  relative humidity conditions. The values provided as per the table may vary depending on the surface and ambient conditions.

### Surface Preparation

- Coating materials should have been adhered minimum 24 hours before.
- Joint application should start after the adhesive has completely released its water.
- Coating surface and joint gaps should be cleaned, free from oil, dirt and dust.
- Joint gaps in vertical and horizontal areas should be moistened before application to stabilize water absorption.

## Application Methods

- YAYLA Joint Filler should be filled into joint gaps with joint trowel in parallel and cross movements.
- Excess mortar on the surface should be scraped with soft-tipped spatula or moistened sponge-tipped spatula, and after waiting approximately 20 minutes depending on ambient temperature, the thin joint layer that may remain on the surface should be thoroughly cleaned with a moist sponge.
- Surface smoothing and cleaning should be done with a dry cloth before YAYLA Joint Filler fully dries.

## Application Recommendations

- To prevent yellowing in white joints and color variation in colored joints, the adhesive and the surface behind the coating should completely release moisture and humidity.
- The application consistency of the joint filling material should be the same for floor and wall applications.
- For frequently cleaned surfaces like kitchen countertops and floors, use protective product to preserve color and longevity.
- Cleaning materials like bleach, hydrochloric acid, lime remover should not be used to avoid damaging joints. Use recommended cleaner for joints.
- The product should be used within pot life once mixed. Mortar with expired pot life should not be used.
- Foreign substances like lime, cement or plaster should not be added to prepared mortar.
- Extra water should not be added to the mixture.
- Do not apply on unsound surfaces. Soundness and load-bearing capacity of old surfaces should be checked before application.
- Surface should be protected from air currents during and after application and contact with water should be prevented.
- Do not apply in temperatures with frost risk within 24 hours, on frozen or thawing surfaces.
- In hot weather, protect the material from direct sunlight and prepare the mixture with cold water.
- Do not apply in excessive windy or hot surfaces under direct sun; if application is necessary, prepare the environment and surface beforehand.
- Do not apply in rainy weather, protect applied surface from rain for 24 hours.

## Surface and Ambient Temperature

Surface and ambient temperature should be between +5°C and +30°C during application.

## Application Limits

Parameter	Value
	Maximum 1.5 hours
<b>Drying time</b>	Minimum 12 hours
<b>Time for traffic</b>	24 - 48 hours

The foregoing values represent the results of laboratory tests conducted at  $23 \pm 2^{\circ}\text{C}$  temperature and  $50\% \pm 5$  relative humidity conditions. The values provided as per the table may vary depending on the surface and ambient conditions.

## APPLICATION INSTRUCTIONS

### Mixing Ratio

Mix with water at 30 - 33% of its weight. (6.0 - 6.6 liters water for 20 kg package)

## TECHNICAL PROPERTIES

**Chemical Structure:** Cement-based joint filling mortar with polymer additive

**Dry Density:**  $1.35 \pm 0.05 \text{ g/cm}^3$  **Mortar Density:**  $1.74 \pm 0.05 \text{ g/cm}^3$

**Color:** Various colors **Temperature Resistance:**  $-15^\circ\text{C}$  to  $+80^\circ\text{C}$

## CONSUMPTION

Consumption varies according to joint width and tile size.

Joint Width	Consumption (approx.)
2-5 mm	0.3 - 0.5 kg/m <sup>2</sup>
5-10 mm	0.5 - 1.0 kg/m <sup>2</sup>

## PACKAGING

YAYLA Joint Filler is delivered in 20 kg kraft bags and 5 kg drums.

## SHELF LIFE

The shelf life of the product is 12 months when stored in untampered original packaging in a dry (maximum relative humidity 60%) and cool (ambient temperature between  $+5^\circ\text{C}$  and  $+25^\circ\text{C}$ ) environment.

## STORAGE CONDITIONS

- The product should be stored in untampered original packaging in a dry (maximum relative humidity 60%) and cool (ambient temperature between  $+5^\circ\text{C}$  and  $+25^\circ\text{C}$ ) environment.
- It should not be exposed to direct sunlight.
- The container should be closed firmly when not used.

