



SERADERZ 120 (1-20 MM CG2WA)

CEMENT BASED, FLEXIBLE AND HIGH PERFORMANCE HYDROPHOBIC JOINT SEALANT

- Flexible
- High performance
- Hydrophobic

DESCRIPTION

SERADERZ 120 is a cement based and polymer reinforced, hydrophobic, flexible, high performance joint sealant.

TYPICAL APPLICATIONS

- Internal and external applications,
- Vertical and horizontal applications,
- Heated floors,
- For special tiling applications; natural stone-granite-marble tiles, etc,
- Private and moderate public use swimming pools,
- Ceramic repairs.

ADVANTAGES

- Hydrophobic.
- Flexible.

TECHNICAL PROPERTIES

Color: 5 Different color options

Physical State: Powder

Mortar Density: $1.80 \pm 0,05 \text{ g/cm}^3$

Application Temperature: $+5 \text{ }^\circ\text{C}$ to $+35 \text{ }^\circ\text{C}$

Pot Life: max. 60 min.

Smoothing Time: max. 20 min.

Available For Traffic in: 24 to 48 hours

Service Temperature: $-30 \text{ }^\circ\text{C}$ to $+80 \text{ }^\circ\text{C}$

Abrasion Resistance (EN 12808-2): $\leq 1000 \text{ mm}^3$

Bending Strength (EN 12808-3): $\geq 2,5 \text{ N/mm}^2$

Compression Strength (EN 12808-3): $\geq 15 \text{ N/mm}^2$

Shrinkage (EN 12808-4): $\leq 3 \text{ mm/m}$

Water Absorption (After 30 min.) (EN 12808-5): $\leq 2 \text{ g}$.

Water Absorption (After 240 min.) (EN 12808-5): $\leq 5 \text{ g}$.

The values above are valid for $23 \text{ }^\circ\text{C}$ and 50% relative humidity.

Reference Standards

In compliance with TS EN 13888 / CG2WA standards.

Public Works Pos. No: 04.013/2

DIRECTIONS FOR USE

SURFACE PREPARATION

- For vertical and horizontal applications, wait at least for 24 hours once the tiles are affixed.
- Dust, chips, construction/cement residues, etc. on joint surfaces shall be removed with a thin bar and cleaned before application in order to obtain homogenous color and drying.
- Joint surfaces, especially on walls, should be moistened before application.

MIXING

- Mix **SERADERZ 120** with 5 to 6 liters of water with a low speed mixer until a lump free mixture is achieved.
- **SERADERZ 120** must be mixed for another 1 to 2 minutes after a waiting period of 10 mins.

APPLICATION

- The mixture should be applied on the joint surfaces using a hard rubber tipped mop or hard rubber soled trowel.

- The sealant must first be applied horizontally and then diagonally in order to achieve complete filling.
- Thoroughly remove the thin sealant layer that could remain on the surface by first removing the excess material using a soft or sponge tipped spatula; wait for 15 to 30 minutes depending on the ambient temperature and then clean the surface with a moist sponge.
- Surface smoothing and cleaning must be performed using a dry cloth.

WATCHPOINTS

- Do not apply on frozen and thawing surfaces or surfaces that could be subject to frost within 24 hours.
- Do not apply on under direct sunlight and strong winds or on hot surfaces.
- The working times mentioned above apply for surface and ambient temperature of $20 \text{ }^\circ\text{C}$; the times will be longer in lower temperatures and shorter in higher temperatures.

CONSUMPTION

For 25x40 cm tiles:

200 gr/m ² for 2 mm thickness
250 gr/m ² for 3 mm thickness
300 gr/m ² for 4 mm thickness
500 gr/m ² for 6 mm thickness

For 33x33 cm tiles:

150 gr/m ² for 2 mm thickness
200 gr/m ² for 3 mm thickness
250 gr/m ² for 4 mm thickness
450 gr/m ² for 6 mm thickness

PACKAGING

20 kg craft bag

STORAGE AND SHELF LIFE

Store in dry and cool locations. Shelf life is 12 months under suitable storage conditions. Product storage conditions should be adhered to, and the products should not be stored in humid and damp warehouses.

HEALTH AND SAFETY

As with all chemicals, contact with skin, eyes or mouth should be avoided during usage or storage. If accidentally ingested seek immediate medical attention. In case of contact with the skin, wash with plenty of water. Reseal containers after use.

NOTE: Information contained herein is based on our current scientific and application information. INTERFIKS Yapı Kimyasalları A.Ş. is liable only for the quality of product, and shall not be liable for consequences of any inappropriate uses of the product. This technical document shall remain in effect until a newer version is printed, and hereby substitutes all previous versions hereof. (01/2015)