

# OLIVÉ MR-60

## JOINT REPAIR FILLER

Technical Data Sheet - Version 1.3 – March '19

### PRODUCT DESCRIPTION:

OLIVÉ MR-60 is a water-based textured joint repair filler, based on acrylate binders, for jointing and repairing spalls and cracks in concrete and façade masonry.

OLIVÉ MR-60 adheres on different construction materials e.g. concrete, masonry, stone and cement. This product can also be applied on slightly wet substrates and is paintable once dried.

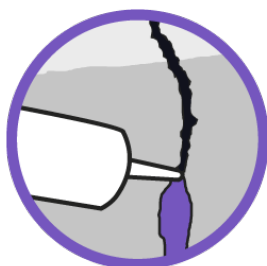
### MAIN BENEFITS:

- Simple application. Ready to use, no pre-mixing work needed.
- Very good adhesion on a wide range of substrates.
- Grain-finished surface. It looks like standard mortar.
- For indoor and outdoor applications. Very good resistance to UV light.
- Easy tooling.
- Wash-up with water.
- Dries to a tough finish without cracking.
- Paintable after drying.

### ENVIRONMENTAL REGULATIONS:

- French VOC-emission class A+.
- Conforms to LEED® IEQ-credits 4.1 (Indoor Environmental Quality) adhesives and sealants.

### FIELDS OF APPLICATION:



For jointing and bonding of concrete blocks and stones.

Reparation of masonry, bricks, mortar, concrete, ...

Repair of cracks and chipped or broken concrete edges.

For repairing defects in concrete surfaces such as sidewalks, balconies, foundations, etc.

Levelling and reprofiling concrete surfaces.



### PACKAGING INFORMATION:

This product is available in 300ml cartridges. Other packaging is available under request.

### COLOURS INFORMATION:

Grey and Beige Sand.

### STORAGE:

The shelf life is 18 months in its unopened original packaging, in dry conditions and protected from direct sunlight at temperatures between +5°C and +25°C.



\* Information sur le niveau d'émission de substances volatiles dans l'air intérieur, présentant un risque de toxicité par inhalation, sur une échelle de classe allant de A+ (très faibles émissions) à C (fortes émissions).

## TYPICAL TECHNICAL DATA:

|                          |                    |                                      |
|--------------------------|--------------------|--------------------------------------|
| Basis:                   |                    | Acrylic polymer                      |
| Consistency:             |                    | Non-slump paste                      |
| Specific gravity:        | (ISO 2811-1)       | Approx. 1,85 g/ml                    |
| Drying time (surface):   | (OQ.06-internal)   | 10-15 minutes (at 23°C; 50% R.H.)    |
| Full Cure:               |                    | Min. 24-48 hrs. (depending on depth) |
| Solid content:           | (OQ.03-internal)   | > 85%                                |
| Total VOC content:       | (SCAQMD rule 1168) | < 1% - (VOC free)                    |
| French VOC Label:        |                    | A+                                   |
| Shore A hardness:        | (ISO 868)          | Approx. 70                           |
| Application temperature: |                    | Between +5°C to +40°C                |
| Service temperature:     |                    | -20°C to +75°C                       |
| Arid grain size:         |                    | 0,35 – 0,70 mm                       |

Rate of curing depends on temperature, humidity and substrate absorbcency. The time until complete drying may be extended at lower temperature, higher humidity or increasing film thickness.

## DIRECTIONS FOR USE:

### Surface preparation and sealant application:

All surfaces must be sound, clean and free of dust, oil, grease, curing compounds, form release agents, laitance, loose particles and any other contaminant which may affect the adhesion.

#### Jointing:

After substrate preparation, apply OLIVÉ MR-60 with a suitable caulking gun and fill the joint completely.

The filler should be smoothed using a jointer tool moistened with water before skinning, to guarantee close contact and good adhesion to the substrate.

Remove residual material once skin has been formed with a brush or a wet sponge.

#### Repairs:

Weak and damaged concrete, mortar or cement, must be replaced by mechanical means.

The crack shall be cleaned with brushing operation and least with blowing operation.

Apply OLIVÉ MR-60 with a caulking gun or putty knife into the joint or crack and sculpt the repair area using a suitable margin trowel or spatula. Then, using a dampened sponge, rub the repair area in a circular motion to remove surface imperfections.

#### Cleaning:

Fresh product and tools can be cleaned with water.

The hardened material can only be removed by mechanical means.

## Remarks:

Do not use OLIVÉ MR-60 on bituminous substrates or on building materials which might bleed oils, plasticizers or solvents. (e.g. natural rubber, chloroprene, EPDM, ...).

There is no adhesion to PE, PP, PTFE (Teflon®). Due to the wide variety of possible substrates, we recommend a preliminary compatibility test.

Fresh product must be protected from condensed moisture or rainwater, until a solid skin has formed.

The product cures by means of desiccation (water evaporation). High humidity, low temperatures and high joint depth can delay skin formation and curing significantly.

During drying, the colour will slightly change.

The product is compatible with most paint systems. Due to the large number of paints and varnishes available, we strongly suggest a compatibility test before application.

## GUARANTEE INFORMATION:

Olivé Química warrants that its product complies, within its shelf life, to its specification.

If any responsibility were to be considered ours, this would be only for any damages and for the value of the merchandise supplied by us and used by the customer. It is over understood that we warranty the irreproachable quality of our products in accordance with our General Conditions of Sales and Supply.

### Liability

The information in this document, in particular recommendations regarding the application and final use of our products, are given in good faith based on our knowledge and is the result of tests and experience and are intended as guidelines. It is the responsibility of the user to determine whether the product is suitable for the application. Due to the great variety of materials and conditions, which are beyond our knowledge and control, we recommend carrying out sufficient previous trials.

The property rights of third parties must be respected.

**This TDS replaces and supersedes all previous data sheets on the same product.**

# Olivé

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