



## **MALTA 6002 - Injection mortar**

### **Low specific weight**

#### **Art.31053**

#### **Injection mortar to strengthen the ceiling surface of fresco pictures**

The extra-light material provided with low mechanical resistance, is particularly effective when injections are needed for consolidating masonries which could get heavier by using normal mortar. Particularly suitable for consolidating vaults with frescoes and mosaics.

#### **Special Properties:**

Excellent flowing ability, the underground does not have to be wetted; compatible and chemical physical similar to lime and hydraulic lime; low mechanic stability, no blooming even in very humid surroundings and with lime and plasters.

#### **Application:**

The support does not need wetting beforehand.

It ensures resizing and restoration of decohered, friable, detached bits of plaster, into new integrity, even in case of huge holes (3-4 cm)

#### **Composition of mortar:**

Special chemically stable hydraulic binding agent components with minor amount of salts, silical powder, very fine filler which contains a special additive mixture to improve the fluidity, water containment and pore formation. This mixture is finely grounded and mixed

#### **Mixture:**

Mix mechanically for 6-8 minutes at low speed (700 revolutions/minute).

Mixing recommendations:

Application MALTA 6002 Water

Strengthening of fresco surfaces: 10 kg 18 Liter

Recommended applications:

1. Close possible discharge openings of mortar with a reversible material.
2. Make suitable boreholes to apply a stable layer of MALTA 6002. The holes should have a diameter of at least 2 mm, the distance between the boreholes should not be greater than 20 cm.
3. The boreholes have to be cleaned thoroughly by blowing or exhausting.
4. Injection can be carried out with normal syringe with a needle or thin tube. Syringes such as those used by veterinarians are recommended. Continue mixing before intaking by means of a stringe. Inject continuously to avoid occlusion.

If the boreholes have been carefully made and after removing all loose parts,

MALTA 6002 can be infused in the hollow sites without previous wetting or without any pressure