



BRESCIANI

Restorasyon ve Koruma Malzemeleri ve Ekipmanları



TEKNİK VERİ SAYFASI

ver.2/2

BEVA 375

Art. 65112

Adhesive paste for thermal bonding (Synthetic-based heat-activated adhesive)

It offers interesting application possibilities for difficult bonding and lining operations that cannot be achieved with traditional adhesives. It is particularly effective when used with a hot table and vacuum system, but it can also be applied with an iron. Cold, white, and milk-like in appearance. After application, it becomes colorless and transparent.

FEATURES AND ADVANTAGES:

Beva 375 offers the restorer the opportunity to solve many bonding problems thanks to its numerous advantages:

1. High strength and flexibility, providing a solid “armor” on the surface while also allowing transfer from canvas.
2. A non-aqueous base that does not cause expansion, shrinkage, or softening of the materials to which it is applied, including the “facing” paper.
3. Activation occurs only after the solvents used have completely evaporated. Shrinkage and deformation phenomena are therefore minimized; in any case, they are lower than those produced by hot wax-based adhesives.
4. Hot activation is possible even a long time after application. Thus, the restorer has sufficient time to carefully position any parts and fix them with a thermo-cauter.
5. Application at room temperature — therefore, no heat-related damage occurs.
6. Reversibility — even after hot activation, any defects can be easily corrected.
7. Solubility at room temperature is limited.
8. The possibility of achieving excellent adhesion with minimal pressure — even the most delicate structures are not damaged.

APPLICATION OF BEVA 375

Adhesive 375 can be applied either cold or hot using a brush, roller, or spray (its penetration capacity increases with temperature). In most cases, it is recommended to gently heat the adhesive in a water bath and dilute it with rectified petroleum 100/140 in a 2:1 or 1:1 ratio in order to obtain a creamy paste at room temperature.

For spray applications, dilution with toluene is recommended to reduce viscosity. Hot activation of the adhesive should only be carried out after the solvent has completely evaporated (this takes approximately 12–24 hours).

For the lining of paintings, Adhesive 375 may be applied both to the lining fabric and to an intermediate layer (for example, non-woven polyester). Hot activation of the adhesive can be performed days or even weeks after application, using a hot table, an iron, or a hot-air gun (at a temperature of 62–65 °C).

In consolidation treatments of pictorial layers, it is preferable to dilute the product with white spirit or rectified petroleum 100/140 in a 1:4 ratio — or with toluene, if compatible with the layers — in order to improve penetration.

A warm solution (approx. 30 °C) also increases penetration capacity. Sealing should be carried out under light pressure, after the solvent has completely evaporated, at approximately 62 °C.

Removal of the adhesive can be performed with heat or with solvents such as acetone and rectified petroleum 100/140.

Professional use only