

81027 LASCAUX® Hydroground 750

General Information

Solvent free, extremely fine, pure acrylic resin dispersion.

Form of Delivery

Approx. 30%, aqueous solvent dispersion; medium particle size 0,06 μ , pH-value 8.

Ways of Application

Used as impregnant, primer and solidificant of absorbent and sanding under grounds. To strengthen and consolidation of loose color layers, cracks and holes, etc.

Application

As primer and impregnant on wood, walls, mortar, concrete, paper, cardboard: dilute Lascaux® Hydroground 750 1:4 to 1:16 with water. Varnish over after about 4-8 hours.

As consolidation of color layers, especially oil paintings: dilute Lascaux® Hydroground 750 1:1 to 1:4 with water. Fill in cracks or uneven surfaces and remove carefully the surplus with a humid sponge and/or a cotton bud. Let dry for about 1 hour. If possible seal under vacuum on a hot stage at 40°C; open vacuum after one hour and let dry. Sealing can also be carried out with an iron or with a Leister hot-air dryer and by pressing with a rubber-covered roll. The effect of Hydroground 750 is increased by adding about 10-20 % of the water amount with PM Cellosolve® Propylene-Glycolether. The addition of 0.1% wetting agent such as Triton DF 12 increases the penetration.

Lascaux® Hydroground 750 is suitable to consolidate very fine hair cracks and smaller gaps. Larger gaps can be filled out with other acrylic dispersions with large particle size (0.1 - 0.2 μ), such as Plextol® D 498, Plextol® B 500, Lascaux® Acrylic glue 498 HV or Lascaux® Acrylic glue 498-20 X.

It is often recommended to stabilize and impregnate the canvas by soaking the backside of the picture with a diluted solution (approx. 1:5).

Like all acrylic dispersions, Lascaux® Hydroground 750 is not water soluble after drying. It is however reversible in acetone, alcohol and aromatic solvents such as toluene and xylene. For this reason, Lascaux® Hydroground is not very suitable for fresco, mineral and distemper paints.