



DECO2

BLEACHING SOLUTION FOR WOOD



User guide

DESCRIPTION:

Bi-component with bleaching action.

Comp. A: stabilised hydrogen peroxide solution.

Comp. B: synergistic solution.

FIELDS OF APPLICATION:

On all untreated wooden surfaces rich in tannin (e.g. oak, chestnut, walnut, larch). It is not suitable for removing the colors due to colored impregnating agents and mordants. It can also be used to remove tannin stains from stone walls (e.g. stone, cotto, plaster, cement).

CHARACTERISTICS:

DECO2 is a stabilized bi-component solution specifically for the bleaching treatment of raw wood surfaces.

DECO2:

- compared to traditional bleaching techniques (e.g. hydrogen peroxide and ammonia) ensures easier and safer use on site;
- does not develop toxic gases;
- allows the application of any subsequent paint, wax or oil-waxy impregnation finish;
- does not leave harmful residues on the wood.

The intensity and the final result of the bleaching is in function of the type of wood essence and can vary, for the same wood, from element to element (planks, tablets, beams, etc.). It is therefore advisable to carry out samples sufficiently representative of the finished product.

DECO2 works only on raw woods and does not remove and/ or discoloration pigments and colors applied on wood with paints, paints and fixatives.

INSTRUCTIONS FOR USE:

The maximum bleaching effect of the DECO2 product you can have it with about 3 application cycles.

- Apply DECO2 on rough wooden surfaces;
- Mix the two components in a ratio of 5 parts of DECO2 Comp.A to 1 part of DECO2 Comp.B and only in plastic or glass containers;
- The solution thus obtained remains stable for about 8 hours;
- Distribute DECO2 (A+B) evenly on the surface with a brush / sponge / wax spreader wetting the wood abundantly;
- Let the wood dry generally. On wood rich in tannin (e.g. oak and chestnut) or aged it may be useful to rub the DECO2 solution with a sponge or soft cloth removing the surface excess from the wood;
- Reapply another coat of product as soon as the wood is dry and leave to dry;
- The bleaching action is progressive and is completed 4-6 hours after drying of the last step;
- Eliminate the defibration of the wood using an abrasive net (e.g. 80-100 grit).

Do not leave the unused final solution in closed containers, but dispose of it by dispersing it in plenty of water.

PRECAUTIONS:

- the intensity and the final result of the discoloration depends on the type of wood essence and can vary, for the same wood, from element to element (planks, tablets, beams, etc.). It is therefore advisable to carry out samples that are sufficiently representative of the finished product.

NOTES:

Our indications are based on current research knowledge and are intended to give the best indications to the buyer-user. However, these indications require preliminary examinations and tests for the fields of use, the types of materials present and the various application conditions. The user decides independently on the suitability and field of use. MARBEC Srl assumes no responsibility for the incorrect use of its products.

WARNINGS:



DECO2 – Component A

WARNINGS: DANGER

Indications of danger: Causes serious eye damage – Causes skin irritation.

Precautionary recommendations: IF IN EYES: Rinse carefully for several minutes. Remove any contact lenses if it is easy to do so. Continue rinsing. – Wear protective gloves and eye/face protection. – Immediately call a POISON CENTER / doctor / . . .

Contains: Hydrogen peroxide

UFI: P250-T07H-400S-P96G

DECO2 – Component B

WARNINGS: DANGER

Indications of danger: It causes serious skin burns and serious eye injuries.

Precautionary recommendations: IF IN EYES: Rinse carefully for several minutes. Remove any contact lenses if it is easy to do so. Continue rinsing. – IF ON SKIN (or hair): take off immediately all contaminated clothing. Rinse skin [or take a shower]. – Wear protective gloves / clothing and eye / face protection. – IF SWALLOWED: rinse mouth. DO NOT induce vomiting. – IF INHALED: remove the injured person to fresh air and keep him at rest in a position that is comfortable for breathing.

Contains: Sodium metasilicate pentahydrate.

UFI: F550-90WW-F008-CMSJ

Rev6-Ver100222

PACKAGING:

- 1lt Bottle Comp.A+ 200ml Bottle Comp.B;
- 5lt Tan. Comp.A + 1lt Tan.Comp.B.

YIELD:

- For each application, the yield of solution A+B is approximately 3 – 4 m²/lt.

TECHNICAL DATA:

- Physical state:
- comp. A = colorless liquid
- comp. B = light green liquid
- Specific weight: (comp. A=1.04 and B = 1.03)
- pH: comp. A = 2.02 (at 50% in water)
- pH: comp. B = 13-14
- Flash point (ASTM): > 90 °C
- Solubility in water (for both comp.): soluble in water

STORAGE:

Keep the product tightly closed at temperatures between 0°C and +30°C and not exposed to sunlight for a long time. The product stored in this way has a useful life of 1 year.

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