

Diotrol Dioplast

2K-PU elasto filler

#28427

Description Diotrol Dioplast is a permanently elastic and shrink-free 2-component filling and modelling compound for filling cracks and holes as well as for patching and shaping. It is characterized by high elasticity, excellent adhesion and sandability as well as low volume shrinkage.

Application area As permanently elastic wood filler for exterior and interior work. After drying out, Diotrol Dioplast is absolutely water-resistant and can therefore also be used underwater. Due to its high adhesive and bonding strength, Diotrol Dioplast is also suitable for versatile work on plastic as well as metallic and mineral substrates.

An adhesion test should always be carried out at the first application.

Binder & reactive agents Components A: Modified polyurethane resins
Components B: Aliphatic isocyanate

Active agents / Biocide None

Solids 100 %

Density Components A: 1,000kg/l
Components B: 1,200kg/l
Components A + B: 1.05kg/l

Mixing ratio 250g component A (filler) + 100g component B (hardener) (5 : 2).
Pot life After mixing the A and B components, Diotrol Dioplast can be processed for 30–60 minutes at 20 °C.
Mixed residual inks must never be stored in a closed container until they have completely hardened. The product continues to react and will put the container under pressure and may cause it to burst.

Tints Beige

Packaging Packages (including hardener) of 350g.

Storage 12 months in appropriate, cool place in closed original packaging. Store in a cool and dry place.

Pretreatment	<p>The substrate must be clean and dry and should be lightly sanded if necessary.</p> <p>Raw wood, bare metal or absorbent substrates must be treated with an appropriate impregnation / primer.</p>
Processing	<p>The substrate must be dry and the moisture content of the wood must not exceed 15 %. Diotrol Dioplast is sensitive to moisture until fully cured. Otherwise, increased moisture will cause the filler to swell (blistering) during the drying phase.</p> <p>Mix both components thoroughly according to the mixing ratio. The mass is then immediately ready for use. The minimum temperature for curing is 10 °C.</p>
Application	<p>Stainless steel spatula tool.</p>
Paint system	<p>1–2 x Diotrol Dioplast 2K-PU elasto filler</p> <p>Diotrol Dioplast can be painted over with all commercially available waterthinnable or solvent-containing 1- and 2-component products. Filler areas that are older than 3 days must be lightly sanded.</p>
Drying at 18 – 20°C (at 50% rel. moisture)	<ul style="list-style-type: none">• Sandable and recoatable after 1–2 days <p>Depending on the temperature, the application quantity, the air humidity and the substrate's absorbency.</p>
Cleaning of tools	<p>Immediately after use with turpentine substitute or universal thinner.</p>
Safety advice	<p>Please read safety data sheet.</p>
Remarks	<p>This information is due to the current, technical know-how and is meant as recommendation and advice. Concerning all mentioned paint coat structures, we do not maintain completeness. Insufficient wood quality, lack of constructive wood-protection, drying cracks in solid wood and otherwise identified faults have to be admonished by the customer before painting or glazing. Because of the diversification and different kinds of substrates and practice, the user has to test our products mainly for his own purpose and has to use and apply them properly. For this, he is fully responsible. Verbal advice must be fixed obligatory by a signed document. If a new issue will be current, this edition will be no more available.</p>

September 2022, sky