

The 7 steps to sustainable maintenance

What do you need to repair wood sustainably? Below you'll find 7 steps to sustainable maintenance, as well as which materials and tools you, as a professional, will need for each step. This way you can provide even better service for your customers!



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Step 1 Remove the old paint

- Palm sander/heat gun/scraper/heat gun
- Dust mask
- Dustpan



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Step 2 Remove any rotten wood

- Rotary tool/small angle grinder
- Ball-head rotary burr bit (3/8")
- Safety glasses
- Sandpaper
- Hearing protection



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Step 3 Measure wood moisture (≤ 18%)

- EASY-Q™ Wood moisture meter CS1



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Step 4 Prime the bonding/contact surface sparingly with DRY FIX®

- DRY FIX® UNI
- EASY-Q™ MIX & FIX mixing cup
- EASY-Q™ MIX & FIX spatula
- EASY-Q™ Nitrile gloves
- Disposable brush



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Step 5 Butter the bonding/contact surface with DRY FLEX®/BIO FLEX™

- EASY-Q™ Buttering Knife
- DRY FLEX®
- EASY-Q™ Mixing Plate
- EASY-Q™ Dosing Gun (High Performance or Single)
- EASY-Q™ Nitrile Gloves



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Step 6 Repair, build-up and shape

- EASY-Q™ Stainless Steel Modeling Knife 1-1/4"
- EASY-Q™ Stainless Steel Modeling Knife 2"
- EASY-Q™ Stainless Steel Modeling Knife 4"
- EASY-Q™ Stainless Steel Modeling Knife 5-7/8"
- EASY-Q™ Wipes



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Step 7 Sand the repair and paint

- Palm sander
- Guaranteed adhesion of all top-quality paints
- Dust mask
- Dustpan



Good to know

- Use EASY-Q™ Nitrile gloves for safe working.
- Use EASY-Q™ Wipes for optimal tool cleanliness.
- Use paper towels to remove excess DRY FIX® and to dry the modeling knives.

Tips

Approximate curing times

In the table below you will find the approximate curing times (in hours) of Repair Care repair resins.

Please note: the times mentioned are only an indication. Curing may deviate due to fluctuations in temperature, layer thickness and humidity.

Repair size: SMALL	0 - 41°F	41 - 50°F	50 - 59°F	59 - 68°F	68 - 77°F	77 - 86°F	86 - 95°F
DRY FLEX® 4	40 - 48	28 - 40	14 - 28	9 - 14	6 - 9	3 - 6	ca. 1.5 - 3
Repair size: MEDIUM	0 - 41°F	41 - 50°F	50 - 59°F	59 - 68°F	68 - 77°F	77 - 86°F	86 - 95°F
DRY FLEX® 4	38 - 46	25 - 38	12 - 25	6 - 12	2 - 6	1.5 - 2	1 - 1.5
Repair size: LARGE	0 - 41°F	41 - 50°F	50 - 59°F	59 - 68°F	68 - 77°F	77 - 86°F	86 - 95°F
DRY FLEX® 4	26 - 36	6 - 26					

Explanation:

DRY FLEX® products cure as a result of the chemical reaction between the A- and B-components. The factors that influence this curing process are mass (thickness) and temperature.

- The thicker the material is applied, the faster it will harden. When there is less mass (a thinner layer), the material hardens slower. For this reason it is also advisable to keep the paste thin and flat on the mixing plate during and after mixing and to work with the paste from the mixing plate when building up a repair and not from a heavy layer on the putty knife.
- The higher the temperature, the faster the mixed paste will harden. The lower the temperature, the slower the hardening process. At temperatures below 32°F, no hardening takes place. Temperature refers not only the air temperature, but also the temperature of the repair surface itself. The influence of sun exposure after the repair has been applied must also be considered.

Do you have any questions? Please contact our Sales Office via e-mail: supportus@repair-care.com.