PROCESSING TIME (POTLIFE) AND CURING TIME TWEHA PREFIX X-TRA

TWEHA PreFix X-tra cures by a chemical reaction between the 2 components resin and hardener. The resulting chemical reaction is exothermic. This means that heat is created during the curing process. This heat cures the TWEHA PreFix X-tra.

This also means that the ambient temperature in which the work is carried out can have an influence. The processing time (or potlife) stated for TWEHA PreFix X-tra applies at a temperature of 21 °C. If the ambient temperature is colder, the processing time will be longer and the curing will take longer. If it is warmer, the opposite applies, a shorter processing time and a faster curing time.

TWEHA PreFix X-tra is used in thin layers with a brush or roller and has a processing time of approx. 45 minutes at a temperature of 21°C and has reached its optimum strength after 12 hours of curing. If we process the TWEHA PreFix X-tra at 10 degrees, the processing time will increase to approx. 1 hour. Curing or reaching of the optimal strength can then take 24 hours or more.
If the temperature rises above 25°C the processing time of TWEHA PreFix X-tra will be considerably shorter

You can therefore also use TWEHA PreFix X-tra at low temperatures if it is not a problem that the curing takes longer. The curing stops when the temperature is below zero. When the temperature rises again, the curing process of TWEHA PreFix X-tra starts up again.

The mixed volume is also matters in processing time. The larger the volume of the mixed TWEHA PreFix X-tra, the more heat it can generate, resulting in a shorter processing time. TWEHA PreFix X-tra develops a relatively large amount of heat and can, when mixing large volumes, become hot up to 80 °C and even start smoking.
Once you have mixed the two components, throw them over in a paint tray. Due to the larger air surface the TWEHA PreFix X-tra can develop less heat and you have a somewhat longer processing time.

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