



Instructions for processing polyurethane mixture the VUKUR OM

VUKI a.s.

Apply the following principles when working with polyurethane (PUR) physical VUKUR OM. Please take into account:

- Shelf life is as follow: VUKOL and VUKIT M 6 months, in original and tightly closed package at $15^{\circ}\text{C} \pm 10^{\circ}\text{C}$,
- Prevent entry of moisture (from the atmosphere) into the mass during handling the individual components also during the mixing and curing it is important to. Please know 1% of water content causes a volume increase of 30% - foaming the mixture. The recommended humidity of the air should be less than 60% otherwise the bubbles may appears in the mixture,
- Mix thoroughly the VUKOL part before mixing to make it homogenous (at least 3 min.). After prolonged storage the deposits may arise in the mass. Those have to be perfectly stirred. To facilitate stirring, the composition may be warmed to $50 - 80^{\circ}\text{C}$ (direct heating is not appropriate. A possible method, for example, in the oven),
- Do not mix with wood. We recommend metal or glass stirrer,
- Original packaging (containers) of VUKOL or separate container, which must be dry and clean, can be used for mixing procedure,
- Strictly observe the mixing ratio. The maximum permissible deviation from the prescribed ratio is $\pm (5 \div 7)\%$ compared to the prescribed ratio. This affects the final hardness of the material (i.e. less curing agent means softer material and vice versa),
- The mixture of VUKOL with VUKIT should be mixed thoroughly to homogenize (stir min. 5 min.),
- Ensure that no air is mixed inside the mixture during stirring (use such stirrer to be whole immersed in the composition),
- We recommend immediately to make potting process after a thorough mixing of ingredients,
- Curing process requires the ambient temperature of at least $+15^{\circ}\text{C}$ (ideally $+23^{\circ}\text{C}$), otherwise longer curing time. At low temperatures, it may happen that the composition hasnt cured sufficiently or not cure at all,
- polyurethane composition still working – slightly hardening also for 14 days (at 23°C ; at higher temperatures, it is less and vice versa) then it is no longer changed,
- Residues of VUKOL may be disposed by direct incineration. Containers of VUKOL can be directly scraps. Hardener remains is possible disposed of as other solid waste after mixing with polyols and after hardening. More information in the data sheet or in the processing conditions.

Please contact us for further information.