

Automix2 cartridge – system

Urethane methacrylic resin, auto-cure polymerisate, MMA free
Mixing ratio 10 : 1

For the preparation of vent-canals in hard acrylic earmoulds

Application: at approx. 23° C / 73 °F

Colour code: Base: beige
Catalyst: milky, white

Application: Manufacture of a vent-canal in an earmould

Prepare a small hole for the vent-canal and clean the earmould. Use a suitable thin tube or wire for positioning the canal. Plug it through the hole and place it on the inner surface of the earmould. A soft silicone tube is preferred for an easy removal after the resin has cured.

Prior to applying **acrylon[®] vent**, the earmould must be absolutely clean, dry and free of fat. Insert the **acrylon[®] vent** cartridge into the inject gun II, remove and dispose of closure cap. Do not re-use. For exact flow control, prior to affixing of mixing cannula extrude a small amount of material from the cartridge until a uniform flow from both orifices is achieved. Then insert mixing cannula paying attention to its colour code. After each application leave the filled mixing cannula in place to seal the cartridge. By squeezing the gun trigger first of all extrude a pea-size quantity of the material and dispose it. Without any delay in next extrude **acrylon[®] vent** material and surround the tube at the inner surface of the earmould with a sufficient amount of the resin. First viscous resin is flowing slightly, but soon it will get a higher viscosity. Several prepared earmoulds can be filled with the same mixing cannula within the working time.

After 4 - 5 minutes without any energy input the material has set sufficiently to work on it. The thin wire or tube can be removed from the still hard-elastic polymer by careful pull out. To remove the inhibition layer given by the system, clean the moulding with isopropanol or alcohol. The workpiece is ready now for additional working steps.

For sculpting and surface trimming we recommend the use of commercially available steel tools for trimming acrylic earmoulds.

Polymerisation: 4 - 5 minutes in the earmould

Special hints: Surface defects and fractures can be easily corrected with **acrylon[®] vent**. Prior to application, roughen the corresponding areas and wipe them with a dry cloth. During trimming of the mould please take care to use personal protective equipment; moreover we recommend the use of a vacuum suction system!

Caution: Cured acrylic resins are chemically inert – spots on clothing should be avoided!