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Technical Bulletin

Procedure for Using Freeman 1060 Polyurethane As a Surface Coat

Materials Needed

- Freeman 1060 Resin
- Freeman 1060 Hardener
- Huntsman RenCast 6400-2 Resin

Procedure:

- Using an accurate scale, weigh the appropriate amount of Freeman 1060 resin in a clean disposable container.
- Add Huntsman RenCast 6400-2 resin to the Freeman 1060 resin using a 4:100 ratio by weight.
- Mix the two resins completely to ensure there are no unmixed areas. Unmixed areas will cause the final product to be lumpy.
- Add the Freeman 1060 hardener to the mixed resins using the normal 60 parts hardener to 100 parts resin for the amount of Freeman 1060 resin used, and an additional amount equal to the amount of Huntsman 6400-2 resin added.
- Mix completely and the product will thicken in one to two minutes.
- It is now ready to be brush applied to the surface of the model or tool.
- Successive layers may be added permitting the previous layer to reach an "almost tack free state".

Example:

100 Grams of Freeman 1060 resin
+ 4 Grams of Huntsman 6400-2 resin

104 Grams Total of Resin

To this 104 Grams of Resin Add:

60 Grams of Freeman 1060 hardener
+4 Grams of Freeman 1060 hardener

64 Grams Total of Hardener