

THX-6[™] Thickener

INSTRUCTIONS

THX-6[™] is a thickener used in conjunction with a premixed **Aqua-Resin[®]** gel coat or laminating mix. By adjusting the proportions of **THX-6[™]** used, viscosities ranging from a thick syrupy consistency (for gel coats) to an easy-sanding, putty-like consistency (similar to auto body filler) are possible. The thicker viscosities are also useful, often in conjunction with **AQG[™]** chopped fiberglass, as a covering and reinforcement for rigid foams such as *Styrofoam[®]*.

In addition to glass and other fiber reinforcement, various fillers* such as perlite and vermiculite may be added to bulk the material to further increase viscosity, reduce weight, and reduce material cost. As with other **Aqua-Resin[®]** products, **THX-6[™]** thickened mixes are particularly easy to shape, tool, and wet sand during the *beta* stage. For faster set times incorporate **XLR-8[™]** accelerator into the **THX-6[™]** thickened mix.

Mixing

To a 1“L”:3“S3” mix (by weight), slowly add small amounts of **THX-6[™]**. Stir until mix thickens – repeat until desired consistency is reached. **THX-6[™]** may also be mixed by weight: add up to 1%. Use sparingly, excess **THX-6[™]** can thin the mix.

Gel Coats

Sometimes, gel coats may release prematurely from the mold surface (mainly from silicone rubber), which can cause pitting or other deformation of the gel coat surface. Thickening with **THX-6[™]**, and possibly with the addition of **AQG[™]-0.5** chopped fiberglass, can provide enough “structure” and/or “body” to prevent this from happening.

Tip

When mixing only moderately thick viscosities, it is helpful to add **THX-6[™]** as a water-thinned premix to insure a homogeneous mixture. Add one part water to one part **THX-6[™]** before incorporating it into the “L”/“S3” mixture.

Application

Apply **THX-6[™]** thickened mixes with brush, spatula or notched trowel.

Please Note:

For best adhesion, the substrate should be clean and slightly roughened or sanded. Most finishing operations can begin as soon as the **THX-6[™]** mix has solidified – adhesion will increase substantially with time.

*The use of fumed silica products such as Cabosil[®] is not recommended.

Consult MSDS for more information.