

Product Bulletin

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MOLD RELEASE #2
P. V. A.

0302

DESCRIPTION

MOLD RELEASE #2 is a water/alcohol solution of water soluble, film forming materials. MR #2 is particularly recommended as a parting layer for separation between polyester or epoxy resins and various mold surfaces. MR #2 is not recommended for use with resins containing water or giving off water during cure - i.e., phenolics, or for use with urethane systems as the moisture may contaminate the resin system.

GENERAL

MR #2 is normally applied by spraying on the mold surface and dries at room temperature to form a smooth, glossy film. It will not shrink or pull away from corners or curved surfaces. The film parts easily from the mold and is readily dissolved from the molded parts with water.

On most mold surfaces an occasional application of Mold Release #1, a wax based mold release system, is required before application of MR #2.

PREPARATION OF MOLD SURFACE

Porous mold surfaces must first be sealed with ADTECH MR #7 Mold Sealer. Plaster molds must first be thoroughly dried. Metal or plastic molds should be free of other parting agents, especially silicone types.

APPLICATION OF MR #2

MR #2 is ready to use as received and should not be diluted. It is best applied to the mold surface by spraying although it can also be brushed on. Best results are obtained with as fine a spray as possible, using a small orifice in the gun, 90 to 100 psi air pressure at the gun and close the needle about half way. Normal spraying distance is from 12 to 18 inches.

First, apply a thin coat (mist coat), followed by a heavier coat. A spray density of just enough to allow the liquid to flow together and form a continuous film is best. One gallon will cover approximately 400 sq. ft.

Drying time is 15 - 30 minutes with normal application. When dry the film should appear very smooth and glossy. A dull looking surface will result from insufficient spray and may have pinholes.

Spray equipment can be cleaned with water.

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