

FORMULA FIVE MOLD RELEASE WAX

Description

FORMULA FIVE MOLD RELEASE WAX is a blend of hard carnauba wax and modern synthetic waxes, developed to produce high-gloss surfaces and provide excellent abrasion resistance. It is a highly effective release wax for multiple demoldings from well-run-in molds. This results in FRP components with very good surface quality and at the same time produces a long-lasting high gloss.



Surface Preparation

The surface should be dry, clean, and free of grease before treatment. Molds made of porous materials (e.g., foam, plaster, and wood) must first be sealed with a varnish or similar coating. A suitable surface finish on plaster can be achieved with appropriate primers, sealers, and paints. In general, two-component paints (polyurethane, epoxy, or acrylic-based) have proven to be the most effective.

Instructions for Use

New or reconditioned molds (cleaned and reconditioned with FORMULA FIVE® Clean 'N Glaze according to the instructions):

Apply a thin, even layer of FORMULA FIVE MOLD RELEASE WAX to the mold surface using a clean, dry cloth or applicator pad.

Wipe off any excess wax with a clean, dry cloth.

Once the wax layer is fairly dry (about 10–12 minutes after application), polish the waxed surface by hand with a clean cloth until it has a high gloss, and the mold surface is smooth and free of streaks or smudges. You can also use a polishing machine.

To ensure complete coverage, 2–3 coats should be applied before first use. Vary the rubbing motions when applying each coat (e.g., bottom to top, right to left, in a circular motion). Wait at least one hour after applying the final wax coat before applying PVA varnish or lamination.

For new molds, after the initial application described above, the release film must be built up further as follows, although only one application of release agent is required each time: after the first demolding, after two more demoldings, after three more demoldings, after four more demoldings, etc.

For particularly complex or very costly molds, FORMULA FIVE MOLD RELEASE WAX can be combined with PARTALL® Film #10 or PARTALL® Coverall Film to avoid any mold release issues.

Regular use of FORMULA FIVE® Clean 'N Glaze in conjunction with the high-quality release wax FORMULA FIVE MOLD RELEASE WAX can significantly extend a mold's service life. This simple, effective, and economical system results in fewer release problems, cleaner parts, and more efficient production cycles.

- Contains silicone
- Resistant up to approx. 100 °C
- Coverage: 5–20 g/m²

Our team will be happy to assist you.

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Formula Five Release Wax Item Number: **32080**

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