

ZYVAX Flex-Z adjustable slipcoat system

Description and working instructions

Flex-Z 1.0	Minimum slip
Flex-Z 3.0	Low/Medium
Flex-Z 4.0	Medium/High
Flex-Z 6.0	Extra slip

Prevents pre-release and enhance adhesion from tapes.
 Ideal for occasional areas with pre-release issues.
 "Working Horse" – If you are in doubt – then start here!
 For difficult demolding's or for extra high lubricity on edges etc.

Flex-Z system for polyester productions:

Clearly identified products, coded by number and color, allow molders to apply the level of release performance needed throughout an entire mold, or in each specific area of a mold or process. Using the graph, the molder can easily adjust up or down to achieve desired results.

The short curing times between the applications also provide a faster and easier mold preparation. Depending on the shape, a "base" coat (eg Z. 3.0 or Z. 4.0) is applied to the entire surface, after which adjustment of release effect can take place on top of this layer.

The Flex-Z products are also an excellent cleaner and can therefore be used to remove dirt, putty and other residues on the mold after demolding.



Working instruction:

1. Make sure the surface is 100% cleaned. Use Waterclean and / or GR-08 for cleaning. For porous surfaces or new molds, it is recommended to apply 2 coats of Sealer GP before Flex-Z release agent (follow work instructions)
2. Flex-Z can be applied manually with a clean, soft lint- and fiber-free cotton cloth or with a spray gun. Apply a thin layer of Flex-Z on a small area of the mold. (We recommend the first application is done manually to ensure a 100% coverage of the entire mold) - DO NOT WIPE OFF – ONLY WIPE-ON!
3. Flex-Z evaporates quickly, so work with small cloths and overlap the previous section. Make sure that all edges and surfaces have been given adequate coverage.
4. Between each application, Flex-Z must cure for a minimum of 15 minutes at 20°C.
5. Repeat step 2 three times. After the last (third) application, the surface must cure again for a minimum of 15 minutes at 20°C before the application process is completed. The mold is now ready for production or adjustment.
6. For touch up, apply (manually or spray) a single coat of Flex-Z and wait 15 minutes.
7. If you want more or less release power in certain places on the mold (pre-release / shrinkage etc.), move up or down on the Flex-Z scale. When using tape on the mold (sealant tape, water line, etc.), apply Z. 1.0 on this area.
8. Apply just one coat of the selected Flex-Z alignment to the exposed areas of the mold on top of the base coat.

Storage and shelf life

- Store in a cool, dry area (<32°C) in the original unopened container. The product will remain active for more than 1 year.
- Do not store the product in areas with varying temp. - the product is sensitive to moisture. The container must be tightly closed when the product is not in use. An opened container should be used within 60 days.