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April 28, 2021

HI-FLOW[®] G4 & Super-Matte[™] G4 Release Agent Type and Application Requirements

Swanson Group now provides the highest performance, medium-density overlay panel available for customers who require semi-gloss matte finishes. Our G4 Resin technology combined with our proprietary SwanPeel[™] technology provides customers with not only the highest performance, but also a very unique concrete finish. We are now offering this unique technology exclusively on both our HI-FLOW[®] and exceptional Super-Matte[™] panels.

This new technology is based upon a durable non-absorptive surface requiring special form oils and application techniques. Using the correct amount of form oil on the non-absorptive surface is what gives these panels the excellent durability.

Issues can occur when these panels are used with an Absorptive Release Agent. How? You will get a heavy fines build up with the new technology. Swanson is currently not factory oiling G4 products. **Why?** When non-absorptive panels use absorptive release, they become slippery during transportation and provide no protection.

Water-based form oil products dry much better (assuming no rain or freezing) which is why we recommend Specific Nox-Crete products for these panels. Pro Release Plus is a good choice for contractors who like to apply the release agent heavy and do not require biodegradability. Apply with spray and following directly behind with a micro-fiber mop provides the best application.

For cold or wet conditions, contractors may need an oil based release agent. In this situation Release Agent #10 is the best option. RA 450, RA 250 and RA 100 VOC versions of this product will most likely work best, but it will also produce a panel surface that could be slightly more slippery. Apply with spray and following directly behind with a micro-fiber mop provides the best application.

If Nox-Crete is not available or not the customer's choice, they must obtain a release designed to work on a non-absorptive surface like HDO or Steel. Otherwise, they are not obtaining the maximum performance (fines build up) from these new technologies and will not be satisfied with their performance.