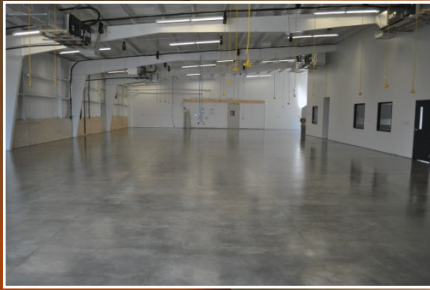


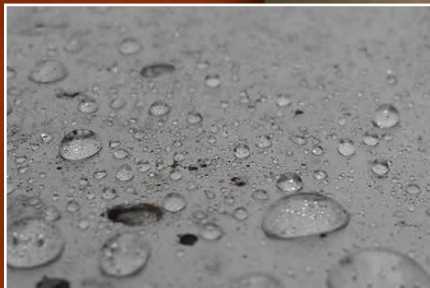
ERFLA ESTHERELL POLISHED CONCRETE (LOW-VOC)



PRODUCT ERFLA Estherell is a precise application technique and treatment that has been formulated to allow for rapid installation and therefore reduced costs compared to traditional polished concrete techniques. It is typically finished to a non-exposed, satin, industrial finish. While the Estherell does not espouse the same performance criteria as the more expensive ERFLA systems, it has resistance to staining and a range of chemicals, is UV stable, and can be recoated if required easily and cost-effectively.



TECHNICAL CHARACTERISTICS ERFLA Estherell is a water dispersed modified acrylic chemical treatment that reacts with the substrate to create a permanent bond with minimal surface film. The benefit of a minimal surface is reduced damage to the coating from use and traffic with more of the product located within the pores of the concrete, becoming an integral part of the floor; where the concrete matrix and Estherell work together for greater strength. It is not possible to remove one from the other once the reaction is complete. Any excess, residual Estherell will wear away leaving impregnated and visually enhanced concrete.



PURPOSE ERFLA Estherell can be applied to fresh concrete without disrupting the curing process, and can help provide protection to the concrete during construction. It can be installed often-times in one day, preventing weeks of floor installation and potential damage to surrounding surfaces post-construction.

CONCRETE The poured concrete should have an under-slab continuous, impervious plastic vapour barrier, be poured to a minimum of 25mpa compressive strength, be power-floated heavily to ensure a dense polishable surface is created, and liquid staining agents should not be allowed to fall onto the surface. If the ERFLA Estherell treatment is applied prior to construction, the floor should be protected from impact, scratching, gouging, and liquids during the construction process.

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WHERE TO USE ERFLA Estherell can be used in commercial or residential applications and is suitable for internal or external use. It can be applied to concrete and natural stone, on horizontal and vertical surfaces.

FLOOR PREPARATION Because of the high adhesion characteristics of ERFLA Estherell, it can handle instances where the floor preparation is not ideal. Unlike surface coatings, it does not require minimum of 120# diamond finish, it can be applied to dense surfaces. However, it cannot be applied to impervious or completely sealed surfaces, it does require an element of porosity in order to complete its work inside the pores of the substrate. Unsealed and unpolished marble has sufficient porosity for the product application to be a success.

APPLICATION ERFLA Estherell is applied by airless spraygun, roller, brush, lambswool or microfibre applicator. It is typically applied in a single coat finish as the product has a high level of repellancy and may not accept subsequent treatments. Do not apply in the rain or below 7 degrees Celsius.

MAINTENANCE If the concrete becomes damaged, gouged, scratched or chipped it is important that a professional repair be carried out to ensure the entire floor is treated with Estherell. Any spills should be cleaned up immediately. Refer to maintenance instructions from ERFLA.