

ABS Flooring System

Where extreme smoothness and flatness is required

BACKGROUND

In 1996 two leading Scandinavian brand names in cement-based floor screeds were amalgamated by Optiroc of Sweden to form the most comprehensive range of flooring compounds available – the ABS Self Levelling Flooring System.

DESCRIPTION

Fast drying, rapid hardening, high strength, self-levelling flooring system for residential, commercial, industrial and renovation applications.

By improving quality and cutting costs, ABS has virtually eliminated traditional hand and knee methods throughout Scandinavia and is continually gaining ground wherever its outstanding technology is introduced. ABS is the most widely used self-leveling system in Europe.

ENVIRONMENTAL FACTORS

- Low alkalinity.
- Resistance to alkaline moisture.
- Recyclable raw materials.
- Casein Free.
- SITAC approved.

SUPPORT

- Technical advice.
- Training provided.
- Qualified applicators.
- Substrate and product adhesion testing available.

WHY ABS SYSTEM ?

- Fast application and drying time.
- Self-levelling.
- Self-smoothing.
- Non-shrink & seamless.
- Provides an excellent base for adhesion of other floor coverings.
- Industrial ABS DuroTop 410 gives a 50+ MPa hard wearing, abrasive resistant floor.
- Consistent quality.
- Extremely durable.
- Does not require the addition of primer to the mix. Easily washed off.







Telkom rehabilitation



- With portable mixer pump a clean and quiet working environment can be achieved.
- Wide range of products, so we can tailor a solution to your needs.
- Competitively priced.

APPLICATION

- Commercial/Renovation Screeds
- 0 – 50 mm thick.
- Industrial Screeds 4 – 15 mm thick.
- Pump available.
- Variety of substrates including concrete, existing screeds, wooden floorboards, old vinyl, terrazzo and ceramic tiles.

PRODUCT	PRODUCT DESCRIPTION	APPLICATION
	<ul style="list-style-type: none"> • Pre-blended dry powder self-levelling and self-smoothing floor screed • Compressive strength greater than 25MPa • Shrinkage less than 0.07% • For application at thickness' between 2 and 30mm • Foot traffic 2 to 3 hours, lay floor coverings approx 2 to 4 days 	<ul style="list-style-type: none"> • Domestic and commercial floor underlayment screed. • Can be pumped. • It will give a finished surface ready for the final covering, it is compatible with most commonly used adhesives and soft floor finishes as well as with hardwood flooring, ceramic tiles etc.
	<ul style="list-style-type: none"> • Pre-blended dry powder • Rapid drying self-levelling and self-smoothing floor screed • Compressive strength approx 35MPa • Shrinkage less than 0.07% • For application at thickness' between 2 and 30mm • Foot traffic 1 to 2 hours, lay coverings approx 24 hours, light traffic 24 hours 	<ul style="list-style-type: none"> • Rapid dry underlayment screed for use in domestic and commercial areas on floors where speed of application and drying is essential. • Can be pumped. • It will give a finished surface ready for the final covering. (Can also be used in light industrial applications.)
	<ul style="list-style-type: none"> • Quick hardening, self-levelling DuroTop 410 screed for industrial flooring. • Compressive strength 50+MPa • Shrinkage less than 0.07% • For use where extreme smoothness and flatness is required • Can be laid in layers of 4 - 15mm • Foot traffic 1 to 2 hours, light traffic 24 hours, heavy traffic loads 3 to 4 days 	<ul style="list-style-type: none"> • Industrial flooring, intensive traffic • Medium-heavy and heavy rolling equipment • Semi-hardened material can easily be shaped or cut. • Ready for traffic loads without coating • For short renovation times. • Can be pumped.
	<ul style="list-style-type: none"> • Pre-blended dry powder. • Fine smoother. • Rapid set and dry, cementitious smoothing compound. • Lay floor coverings within hours. 	<ul style="list-style-type: none"> • Rapid fine smoothing of floors prior to the installation of vinyl, carpet etc. • Internal use in domestic, commercial and renovation applications. • Hand applied skim coat. • Ideal for floors requiring minimal restoration (patching).
	<ul style="list-style-type: none"> • Pre-blended dry powder. • Featheredge to 50mm thick. • Rapid set and dry, slump-free cementitious flooring compound. • Lay floor coverings within hours. 	<ul style="list-style-type: none"> • Internal use in domestic, commercial and renovation applications. • Hand applied. • Intended for projects that require rapid renovation of floors prior to the installation of vinyl, carpet etc. • Ideal for ramping at doorways etc.
	<ul style="list-style-type: none"> • Maximizes penetration into substrate through the dispersion of a styrene acrylate polymer in water. • Improves adhesion, prevents air bubbles and prevents de-watering of the floor compound before hardening. 	<ul style="list-style-type: none"> • Designed for priming (pre-treating) all substrates prior to application of ABS cementitious products. • Generally touch dry in 3 to 4 hours.
	<ul style="list-style-type: none"> • Clear Varnish intended to provide a wear resistant and easy to clean surface. • Based on water-soluble polyurethane / acrylic dispersion. • UV stable and wear resistant. 	<ul style="list-style-type: none"> • Applied using a sprayer can then spread to an even surface using a short haired floor mop, or rubber scraper etc. • Varnish applied in two coats • Quick drying, normally can be walked on after two hours and driven on carefully the next day.