DESCRIPTION
ADCO Poolplast 322 is a pre-mixed, cementicious-based fibre-reinforced, polymer-modified plaster with marble aggregate as constituent. The product is supplied as a dry powder that is mixed with water on site prior to a trowel-on application onto a sound substrate. A latex-based bonding liquid, ADCO Nambond 231, can be incorporated at 8 – 10% into the mixing water. ADCO Poolplast 322 is available in a wide range of colours – please consult the ADCON Lifestyle brochure for more details.

APPLICATION
Surface preparation: Prepare a sound substrate with a mechanical key. (If necessary, the surface can be scabbled, chipped or acid etched.) Clean with water and dampen thoroughly – avoid ponding of water. It is important to apply ADCO Poolplast 322 at an even thickness of 4 mm; hence attention to detail shall be given to the surface preparation of the substrate.

Site preparation: The plastering operation shall take place uninterrupted, if possible in the shade – the number of applicators and mixing teams has to be planned in advance. The use of temporary shade netting is advised. Do not plaster in windy or rainy conditions.

Mixing: Empty the entire contents of one bag into a suitable mixing container and add 3.3 to 3.4 litre of clean water to the powder – mix mechanically by slow-speed drill to a lump-free, creamy consistency. (Severe drying ambient weather conditions may require limited adjustment to the mixing liquid quantity.) Ensure that no dry powder collects on the mixing paddle and in corners of the mixing bucket. Should a delay result in stiffening of the mixed material in the bucket before application – do not add water and / or re-temper, discard material and mix a new batch.

Plastering: Apply by trowel to the damp surface; allow to stiffen and finish smooth by steel trowel. Plastering starts on the wall and leads to the floor – always maintaining a wet edge of plaster.

Curing: As the pool plastering progresses, start to dampen down completed areas using clean water. This processing continued until the following day in regular intervals. The pool is filled with water the day following the plastering – whilst the pool is being filled, keep on dampening the exposed surfaces and protect from wind.

Cementicious-based product reacts under water up to 28 days after casting – hence it is recommended to use brush cleaning only in the beginning and later commence with chemical treatments.

CLEANING
Clean all tools and equipment immediately after use with water.

PACKAGING, COVERAGE
ADCO Poolplast 322 is supplied in 20 kg non-returnable paper bags. One bag covers 2 m² of prepared surface. Unopened bags are to be stored dry on wooden pallets away from concrete floors.

SAFETY
ADCO Poolplast 322 is not considered toxic or dangerous; however standard industrial precautions apply such as protective clothing, gloves and eye goggles. Cementicious-based products are alkaline and hence may cause irritation to the skin and eyes. Remember: Keep away from children, handle responsibly and consider the environment.

UPDATE
May 2017.
This supersedes all previous documentation.