Product description:
BITUMIX Plast is a fast-curing cement and fibre-based light weight repair concrete that requires only the addition of water. BITUMIX Plast has a particularly good workability and hardens faster than traditional repair concretes. The product is composed of special fast-curing cement, microsilica, and a series of additives and oven-dried silica sand. Satisfies the material requirements for extra aggressive environments (see DS 2426).

Applications:
BITUMIX Plast is particularly well-suited for demanding repair jobs in manholes, well berms and similar tasks requiring stable, formable fast-setting concrete. BITUMIX Plast is easy to form and can be used in places requiring large and varying layer thicknesses and relatively rapid setting.

Preparation:
To ensure the greatest possible adhesion for old concrete, the surface should be cleaned of any cement slurry, dust, oil, grease and other loose impurities. The cleaned surface must be watered, to produce a uniform, dull and slightly absorbent surface.

Mixing:
Add approx. 1.7-1.8 l per 10 kg BITUMIX Plast and 4.25-4.5 l clean water, and mix for at least 5 min. to the desired consistency in a suitable agitator mixer. It is recommended to mix the entire content of the bag. Manual mixing can be done with a low-speed drill with a suitable mixer attachment. First pour the mixing water into the tub. Then add the dry product and blend the mixture is thoroughly. The working time is 20-30 min at +20°C. Higher temperatures will shorten, and higher temperatures will lengthen both the processing and hardening times.

Application:
BITUMAX Plast can generally be applied in thicknesses of about 2 to 100 mm. The mixed concrete is applied and compressed thoroughly. The application is done by hand (remember gloves) or using ordinary masonry tools. Subsequent finishing can be done with plastering, fillet plastering or steel trowel plastering tools.

Aftercare:
In warm periods, newly laid concrete should be protected from rapid drying due to draughts, high temperatures, sunrays, etc. In winter periods, the concrete should be protected (optionally, with winter mats) against frost, hard winds etc. in the first 24 hours of curing.

Limitations:
Do not perform repair work with BITUMAX Plast at temperatures under +5°C; the concrete does not tolerate frost in the setting and curing period. As BITUMAX Plast is a lightweight mortar, the product should not be used in areas that are subject to heavy traffic.

Cleaning:
Clean equipment, machinery and tools with water immediately after use.

Storage:
The storage life is min. 6 months upon correct storage in unopened original packaging.