

CONCRETE REPAIR - CEMENTITIOUS PRODUCTS

EMCEKRETE HP

Cementitious Non Shrink Grout

- Properties** : High early strength / Shrinkage compensated / Adjustable consistency
- Advantages** : Excellent flowability / Chloride free / Impact resistant
- Areas of Application** : Concrete repair / Anchor grouting / Bridge bearing grouting / Column / Machine base plate installation
- Compressive Strength** : 30N/mm² after 1 day
65N/mm² after 28 days
- Packing** : 25kg bag



Corrosion Protection

ZENTRIFIX GP

Ready to use Concrete Repair Mortar for Manual & Spray Application

- Properties** : Single component / Polymer modified / Hydraulic repair mortar / Hand application by trowel or float / Spray application by wet spray spray techniques / Suitable for 6-50mm thickness
- Advantages** : Excellent adhesion / Stables on walls & overheads / Ideal application & hardening times
- Areas of Application** : Coarse repair of small and large areas in concrete, particularly for building structures
- Compressive Strength** : 33N/mm² after 3 days
53N/mm² after 28 days
- Packing** : 25kg bag



Bonding Coat

MASTER PATCHPLUS RS

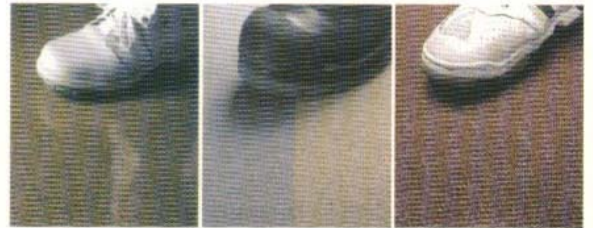
Rapid Setting Concrete Repair Mortar

- Properties** : Single component / Rapid setting to 20N/mm² in 2 hours / Polymer modified & chloride free
- Advantages** : Shrinkage compensated to enhance durability / Excellent abrasion resistance and bond strength / Cost effective in reducing downtime
- Areas of Application** : Floor topping / Base plate / Manhole repair / Anchor fixing
- Compressive Strength** : 20N/mm² after 2 hours
30N/mm² after 24 hours
40N/mm² after 14 days
- Packing** : 25kg bag



Coarse Repairs

CEMENTITIOUS FLOORING



MASTER FLORPLUS 307NS

Natural Silica Dry Shake Floor Hardener

- Properties** : Ready mixed and easy to use / Economical to install and maintain
- Advantages** : Reduces surface dusting / High wear resistance
- Areas of Application** : Warehouse / Car park / Workshop / Factory Floor / Ramp / Garage
- Coverage** : 3 - 7kg/ m²
- Packing** : 25kg bag

MASTER THINPLUS SL312HD

Self-levelling Underlayment Cement-based Floor Compound

- Properties** : Ready mixed & easy to use / Self-levelling / Application thickness of 3-12mm / Design to use for preparing sound sub-floor for the installation of new floor coverings
- Advantages** : Rapid hardening / Low odour / Designed for pump application with suitable equipment
- Areas of Application** : Warehouse / Offices / Factory Floor / Hospital
- Coverage** : 3mm (5kg/ m²) or 10mm (12.5kg/ m²)
- Packing** : 25kg bag

MASTER THINPLUS SL 412

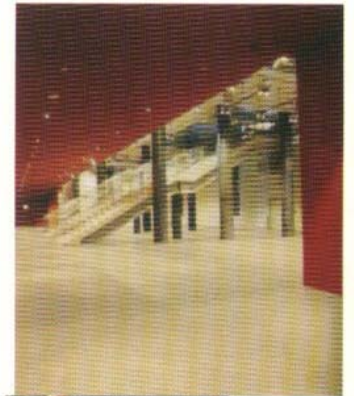
Self-levelling Overlayment Cement-based Floor Compound

- Properties** : Design to give excellent weathering and traffic durability / Self-smoothing & self levelling / Foot trafficable in 14 hours
- Advantages** : High bonding strength / Excellent flowability & mix consistency / Low shrinkage
- Areas of** : Floor & deck topping / Industrial building / Housing area
- Coverage** : 1.6 - 1.7kg/ m²/ mm
- Packing** : 25kg bag

MASTER SCREEDPLUS 5020

Fibre-reinforced Flow Grade Floor Screed

- Properties** : Design to give a self-flowing grade floor topping / Replaces BRC with micro-fibre to control cracks / Ideal as an underlay to vinyl tiles or carpet
- Advantages** : Designed for pump application with suitable equipment / Flowable and high productivity / Cost savings on labour requirement
- Areas of Application** : Hotel & Offices / Hospitals / Condominium / Walkways
- Coverage** : 1.65 - 1.77kg/ m²/ mm
- Packing** : 40kg bag or can be supply through bulk / silo system



EPOXY RESIN - FLOORING / COATING

MC-DUR 1200 VK

Solvent-free, Transparent, Two-component Epoxy Resin of Low Viscosity

- Properties** : Highly filled with mineral aggregates / Waterproof up to filling grades of 1:10 (special sand SK2) / High chemical resistance
- Advantages** : Good adhesion on mineral substrates / Produces high strength mortars with high resistances to rolling and abrasive loadings
- Areas of Application** : Binding resin for epoxy resin scratch coats / Bonding coat for epoxy resin screeds & mortars/ Production of light & heavy duty resin screed systems
- Packing** : 1kg / 5kg / 10kg & 30kg packs

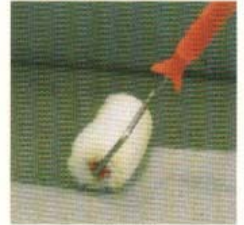


Substrate Preparation

MC-DUR 1800

Highly Chemical Resistant Epoxy Resin

- Properties** : Highly chemical resistant, conductive epoxy resin / Solvent-free, two-component and pigmented / Extremely high chemical resistance against a range of aggressive chemicals, oils, various solvents, etc.
- Advantages** : Ready-to-use, self-levelling / High mechanical loading capacity / Surface easy to clean / Can be applied on steel & mineral substrates
- Areas of Application** : Coating for mineral and metallic substrates subject to aggressive chemicals and / or mechanical loading / Areas to be anti-static
- Packing** : 12kg packs



Priming



Scratch Coat

MC DUR 111D

Solvent-free Epoxy Resin Impregnation

- Properties** : Solvent-free, water based 2 component epoxy resin/ Adheres to dry & slightly damp mineral surfaces/ Can be applied on fresh concrete as a curing membrane
- Advantages** : Resistant to diluted acids & alkalis & numerous organic solvents / Delivered as a transparent impregnation and pigmented sealing
- Areas of Application** : Can be applied as a dustproof, impregnator or curing membrane / Mechanically & chemically resistant coating for mineral based substrates / Water & chemically resistant coating in chemical, pharmaceutical, food processing & bottling plants, dairies, carparks, garages, petrol stations and etc.
- Packing** : 10kg / 30kg packs



Top Coat

MC-DUR 111D TRANSPARENT (Base Coat)	MC-DUR 111D PIGMENTED (Finish Coat)
Coverage : Approx. 200 - 250g/ m ²	Coverage : Approx. 250 - 300g/ m ²
Colour : Transparent	Colour : Further colours on request

CONCRETE PROTECTION

EMCECOLOR-FLEX

Coloured Crack-bridging System for the Protection of Surfaces Based on Pure Acrylate Dispersion

- Properties** : Weather resistant & resistant to artificial and natural light / Water-repellent / Low resistance to water vapour diffusion (*allows façade to breathe*)
- Advantages** : Solvent-free, non toxic and not aggressive to skin / High resistance to carbon dioxide diffusion (*protective system against carbonation*)
- Areas of Application** : Crack-bridging coating system for facades subject to cracking / Carbonation protection system for cement-based substrates for renovated or repaired surfaces/ To achieve architecturally pleasing coloured finishes on concrete
- Coverage** : Approx. 220 - 280 ml/ m²
- Packing** : 17.5 litre packs



EMCECOLOR-FLEX E (Base Coat)	EMCECOLOR-FLEX S (Finish Coat)
Colour : Grey / White / Beige	Colour : Refer MC Colour Chart