Morgan Polymers Application Guide
Tel- 0161 233 0023

Repair Systems For Floors And Walls – Multiflex Screed

Multiflex Screed is a three pack, easy mix epoxy repair mortar for the repair of damaged concrete floors. Part A consists of a liquid epoxy resin; Part B is the hardener or reactor unit and Part C, the specially graded pre-packed aggregates. This system when mixed together provides floor toppings with a minimum depth of 5mm.

Uses: Multiflex screed is suitable for use where a hard wearing, impact resistant screed is needed, with high compressive and flexural strengths.
It is widely used in warehousing, chemical plants, food processing plants and indeed anywhere a high strength floor topping is required.

PRODUCT ATTRIBUTES

- High Strength
- Good trowel properties leading to ease of application
- Good Flexibility
- Good Adhesion
- No Shrinkage Repair
- Chemical Resistant
- Solvent Free, Low Odour
- Choice of colour range
- Easy to use

APPLICATION

Preparation: The best performance is gained from this product when modern preparation techniques are employed, such as vacuum grit blasting and mechanical flailing.

Surface Application: Concrete should be at least 21-28 days old or, in a fast setting cement system, to a residual moisture content (5%). The substrate should be free from oil, laitance, grease and any other substances which may impair adhesion.

Priming: All floors must be thoroughly primed with Multiflex SL Primer, which is used throughout the Multiflex range as a solvent free primer of great adhesion qualities. Multiflex SL Primer is supplied as a two pack unit in pre-weighed containers, which must be thoroughly mixed together before use. A visible continuous wet film must be applied to the floor, and placement of the screed is into a wet primer.

Mixing: Pour the contents of the activator pack, Part B into the resin Part A pack. Then mix until a uniform colour is obtained. Transfer this into a forced action mixer such as a "Mixall" or "Cretangle". Slowly add Part C, the graded aggregates into the mixture and mix for at least 3-5 minutes to obtain uniformly dispersed mix.

Application: Rake the screed into the wet Multiflex SL Primer to obtain the approximate required depth, by combining with a steel float. Follow this procedure with compaction and finish trowel to a dense even film. Expansion joints should be followed through and re-shouldered.

TECHNICAL SPECIFICATION @ 20^{O}C

Compressive Strength: ([ATSM D654] Strength N/mm^2)	70
Flexural Strength N/mm^2:	22
Useable Time:	30 mins
Minimum Application Temp:	5^{o}C
Foot Traffic:	24hrs
Full Service Strength:	7 days
Shelf Life:	12 months
Storage Temp:	5^{o}C-35^{o}C

Chemical Resistance: Multiflex screed is resistant to a wide range of industrial reagents, but we recommend referral to our technical department for a chemical resistance enquiry.

PACKAGING AND COVERAGE RATES

28.5kg unit: 2.85m^2 at depth of 5mm per pack.

COLOURS

Multiflex Screed is available in natural sand, tile red, black, light grey and mid grey.

CLEANING

Multiflex Cleaning Solvent No2 should be used to clean tools. This should not be used to clean hands.

HEALTH & SAFETY

Please refer to our H/S Data sheet.

Morgan Polymers Ltd can give no product guarantee (either written or implied) due to the fact that application techniques vary and are totally outside their control.