

# Estimating guide

Intercrete® 2019



## Repair mortars

Product	Formerly Flexcrete	Description	Pack	Application	Performance	Yield and coverage
<b>Intercrete 4801</b>	Monomix HD EN1504-3 (R4), LUL	High strength, structural repair mortar with good abrasion resistance for trafficked areas.	25kg	5 - 80mm	1 day 33.0MPa 7 days 44.5MPa 28 days 56.5MPa	13.1litres per 25 kg bag 76.3 bags per m <sup>3</sup> of repair area A 25kg bag covers 1.31m <sup>2</sup> at 10mm thickness
<b>Intercrete 4802</b>	Fastfill EN1504-3 (R4), DWI 31, BBA, LUL	Rapid setting repair mortar. Can be bulked out for application in deep pockets.	25kg	5 - 50mm (vertical) 5 - 100mm (horizontal) 300mm (pockets)	1 hour 14MPa 1 day 40MPa 28 days 60MPa	13.3 litres per 25 kg bag 75 bags per m <sup>3</sup> of repair area A 25kg bag covers 1.33m <sup>2</sup> at 10mm thickness

## Levelling / fairing coats

Product	Formerly Flexcrete	Description	Pack	Application	Performance	Yield and coverage
<b>Intercrete 4820</b>	Monolevel 844SP EN1504-3 (R4), DWI 31, LUL	Engineering quality fairing coat to reinstate cover and provide a fair faced, waterproof and anti-carbonation finish.	25kg	0 - 6mm	1 day 23MPa 7 days 46MPa 28 days 60MPa	15 litres/25 kg bag 66.5 bags per m <sup>3</sup> of repair area A 25kg bag covers 5m <sup>2</sup> at 3mm thickness

## Cementitious coatings

Product	Formerly Flexcrete	Description	Pack	Application	Performance	Yield and coverage
<b>Intercrete 4840</b>	Cemprotect E942 EN1504-2, LUL	Waterproofing and protection of concrete where enhanced chemical resistance is needed. Stand alone anti-corrosion coating for ferrous metal.	30kg	2 x 1mm	28 days 50-60MPa Water vapour S <sub>D</sub> =1.29m CO <sub>2</sub> diffusion: S <sub>C</sub> =100mm Euroclass A2-s1, d0	8.1m <sup>2</sup> at 2mm thickness per 30 kg unit
<b>Intercrete 4841</b>	Cementitious Coating 851 EN1504-2, DWI 31, BBA, LUL	Structural waterproofing. Protection from chloride ingress and carbonation. Reinstatement of cover.	30kg	2 x 1mm	28 days 40MPa Water vapour S <sub>D</sub> =0.91m CO <sub>2</sub> diffusion: S <sub>C</sub> =100mm Chloride diffusion: 29 years Euroclass A2-s1, d0	8.33m <sup>2</sup> at 2mm thickness per 30 kg unit
<b>Intercrete 4842</b>	Cemprotect Elastic EN1504-2	Waterproofing and protection of concrete where further movement is expected.	30kg	2 x 1mm	28 days 8-10MPa Elongation = 125% Water vapour S <sub>D</sub> =1.55m CO <sub>2</sub> diffusion: S <sub>C</sub> =135mm Euroclass B-s1, d0	9.4m <sup>2</sup> at 2mm thickness per 30 kg unit

## Flooring products

Product	Formerly Flexcrete	Description	Pack	Application	Performance	Yield and coverage
<b>Intercrete 4850</b>	Cemprotect EF PRIMER	Single component sealer and primer for floors, prior to the application of the Intercrete range of cementitious coatings and mortars.	25 litres	3 - 10m <sup>2</sup> /litre	N/A	3-10m <sup>2</sup> per litre 75-250m <sup>2</sup> per 25 litres unit
<b>Intercrete 4851</b>	Cemprotect E-FLOOR EN1504-2, LUL	Epoxy and cement modified polymer coating for protecting/waterproofing concrete floors.	30kg	2mm (min.)	4 hours 8MPa 1 day 18MPa 7 days 33.5MPa 28 days 55MPa	8.1m <sup>2</sup> at 2mm thickness per 30 kg unit
<b>Intercrete 4852</b>	Cemprotect E-FLOOR HB EN1504-2, LUL	Epoxy and cement modified polymer coating for protecting/waterproofing concrete floors.	30kg	3 - 6mm	1 day 15MPa 7 days 30MPa 28 days 50MPa	5m <sup>2</sup> at 3mm thickness per 30 kg unit

## Ancillary products

Product	Formerly Flexcrete	Description	Pack	Application	Performance	Yield and coverage
<b>Intercrete 4870</b>	Curing Membrane WB BBA	Water based curing membrane/sealer, formulated for use with Intercrete Repair Systems.	25 litres	5 - 7m <sup>2</sup> /litre/ coat	Complies with ASTM C309	25 - 35m <sup>2</sup> /pack
<b>Intercrete 4871</b>	Steel Reinforcement Protector 841 EN1504-7, DWI 31, BBA	Corrosion preventative flexible coating for steel reinforcement.	5kg	2 x 1mm (min.)	32MPa	2 x 1mm coats: approx. 45 linear metres per 5kg pack
<b>Intercrete 4872</b>	Cemprotect 2000-S WRAS	Elastomeric, waterproof reinforcing tape, giving an impermeable, highly flexible, seal over 'live' cracks and expansion/construction joints.	50m	12cm wide	Typically 600%. Elongation. Impermeable	12cm wide roll 50 linear metres

## Aesthetic protective / anti-carbonation coatings

Product	Formerly Flexcrete	Description	Pack	Application	Performance	Yield and coverage
<b>Intercrete 4890</b>	Monodex Ultra Series 2 EN1504-2, LUL	10 year system - high performance decorative, anti-carbonation masonry coating.	15 litres	1st Coat 200µm 2nd Coat 200µm Overall DFT=130µm	Elongation = 272% Water Vapour S <sub>D</sub> =1.09m CO <sub>2</sub> diffusion: S <sub>C</sub> =547mm	5m <sup>2</sup> /litre per coat 2 coats required 15 litres covers 37.5m <sup>2</sup>

