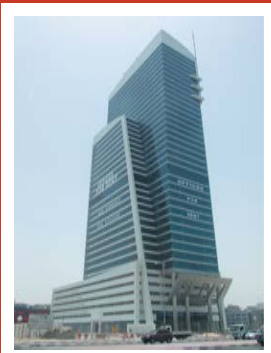
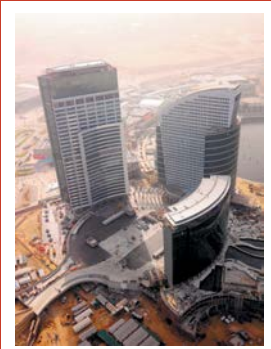
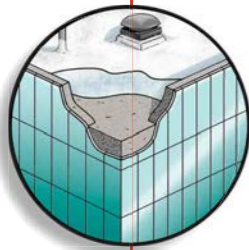


**Full Range
High Quality
Cost Effective
Technical Service**



**Building
Construction
Product Guide**

X-CALIBUR[®]
CONSTRUCTION CHEMISTRY



SCREEDS & UNDERLAYMENTS

- **X-Tech CemScreed**
Cementitious screeds
- **X-Tech LevelCem SL**
Cementitious underlay
- **X-Tech LevelCem 10-40**
Cementitious high build underlay



ROOF WATERPROOFING

- **X-Pruf TorchOn Membrane**
Torch applied membrane
- **X-Pruf Polyliner PVC**
PVC membrane
- **X-Shield ProCoat**
Cool roof membrane
- **X-Pruf XPS 40**
Extruded polystyrene insulation board



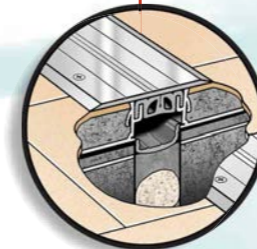
WET AREAS

- **X-Shield FlexPruf**
Elasto-cement waterproof membrane
- **X-Pruf TP80**
Polyurethane waterproof membrane
- **X-Tile CTA**
Ceramic tile adhesive
- **X-Tile STA**
Porcelain and stone tile adhesive
- **X-Seal SaniSeal HP20**
Sanitary grade sealant
- **X-Shield StoneSeal**
Penetrating stone sealer



EXPANSION JOINTS

- **X-Joint F Series**
Floor expansion joint covers
- **X-Joint W Series**
Wall expansion joint covers
- **X-Joint R Series**
Roof expansion joint covers
- **X-Seal FlamJoint Board**
Fire rated barrier



RESIN ANCHORS

- **X-Tite ResiLoc EX22**
Pure epoxy
- **X-Tite ResiLoc P**
General purpose polyester



CONCRETE REPAIR & PROTECTION

- **X-Roc Skimcoat**
Skim coat
- **X-Roc StrongPatch**
High strength repair mortar
- **X-Roc MicroCrete**
Fluid repair concrete
- **X-Tite InjectionGrout EP**
Crack injection resin
- **X-Shield AntiCarb S**
Anti-carbonation coating



JOINT SEALING

- **X-Seal CladSeal HPS**
Facade sealant
- **X-Seal Flamjoint**
Fire rated sealants
- **X-Seal SaniSeal HP20**
Sanitary grade sealant
- **X-Seal PS800**
Polysulphide sealant
- **X-Tite StrongSeal**
Fast cure joint sealant and adhesive
- **X-Seal JointBoard**
Joint filler boards
- **X-Seal JointCord**
Backing cord



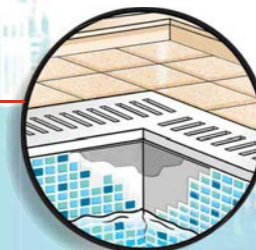
SERVICE AREA FLOORS

- **X-Tech EpoxyAqua 100**
Water dispersed epoxy floor coating
- **X-Tech EpoxySeal FLR100**
Solvent free epoxy coating
- **X-Tech EpoxyFloor TF**
Heavy duty epoxy screed
- **X-Tech EpoxyFloor SL**
Self leveling epoxy floor
- **X-Tech HardSeal A**
Decorative dustproof and light duty floor coating



SWIMMING POOLS & FOUNTAINS

- **X-Pruf RBE**
Rubberised bitumen (external)
- **X-Shield FlexPruf**
Elasto-cement (internal)
- **X-Tile STA**
Tile adhesive
- **X-Tile Grout TJ**
Tile grout
- **X-Stop PVC Waterstop**
PVC waterstop
- **X-Seal PU600**
Joint sealant
- **X-Stop HWS Waterstop**
Hydrophilic waterstop
- **X-Shield StoneSeal**
Penetrating stone sealer

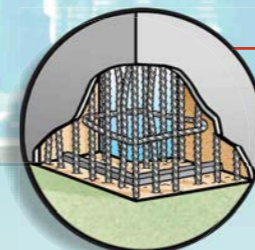


SURFACE TREATMENTS & ADMIXTURES

- **X-Cure WB/RB**
Curing compound
- **X-Form WB/HP**
Shutter release agent
- **X-Tard SR**
Surface retarder
- **X-Mix RetardPlus**
Retarder
- **X-Mix MortarPlus**
Mortar additive
- **X-Mix HPR**
Water reducing and retarding superplasticiser
- **X-Mix HPN**
Superplasticiser

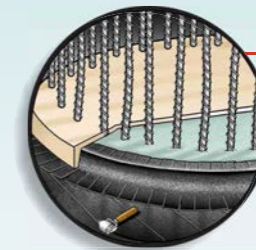
WATER TANKS

- **X-Shield EpoxySeal PW**
Epoxy lining
- **X-Shield FlexPruf**
Cementitious lining
- **X-Pruf CrystalCoat**
Crystalline waterproofing
- **X-Seal PS800**
Polysulphide joint sealant
- **X-Stop PVC Waterstop**
PVC waterstop
- **X-Stop HWS Waterstop**
Hydrophilic waterstop



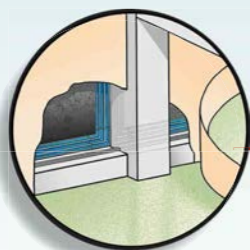
PILECAP WATERPROOFING

- **X-Roc PileCap C**
Reprofiling mortar
- **X-Roc PileCap E**
Encapsulation resin
- **X-Tite InjectaHose**
Injectable waterstop
- **X-Stop HWS Waterstop**
Hydrophilic waterstop



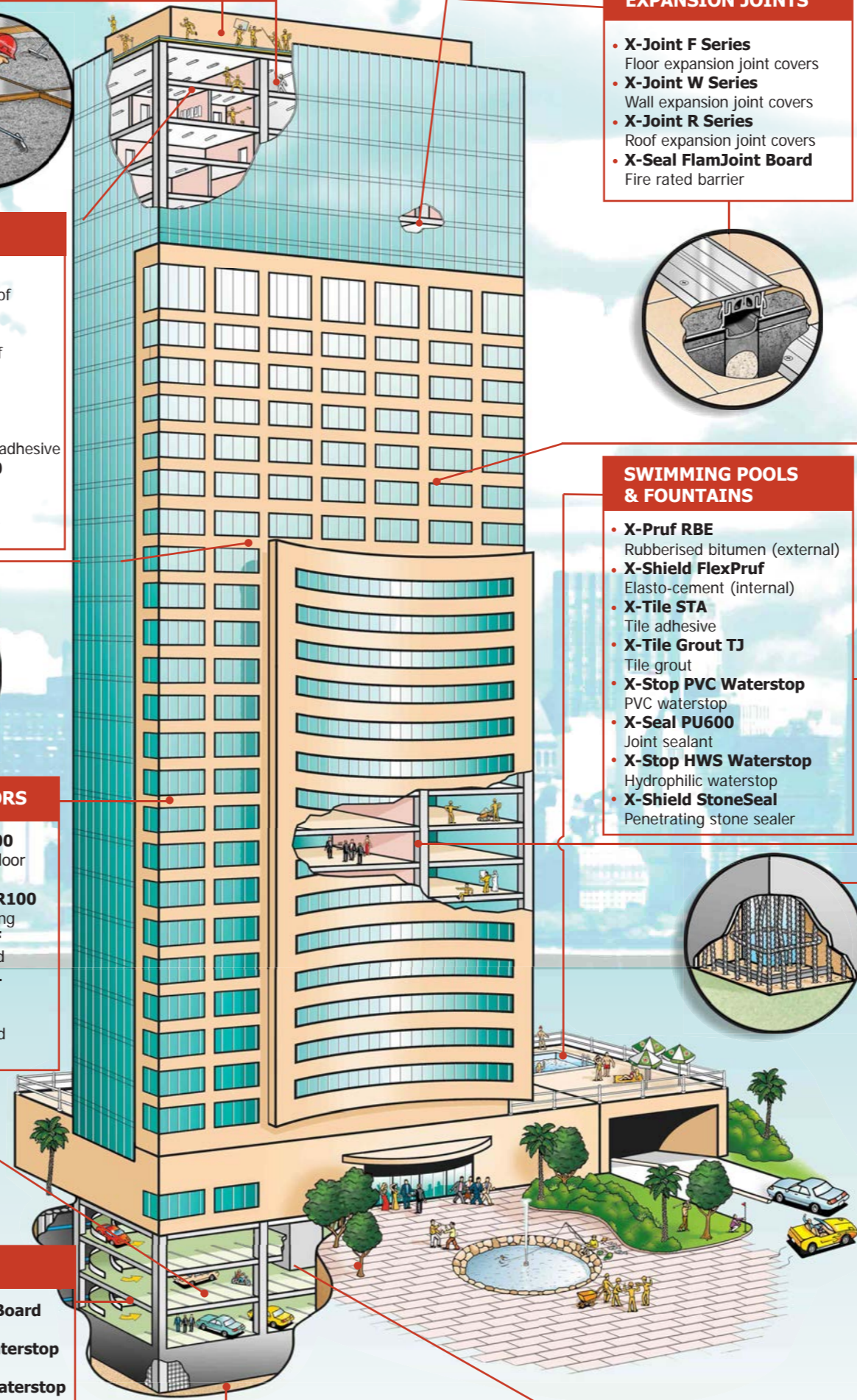
BELOW GROUND WATERPROOFING

- **X-Pruf KeyLok PVC**
Mechanically bonded PVC membrane
- **X-Pruf Polyliner PVC**
PVC membrane
- **X-Pruf XL Membrane**
Self adhesive bitumen membrane
- **X-Pruf TorchOn Membrane**
Torch applied membrane
- **X-Pruf ProtectBoard**
Protection board
- **X-Stop PVC Waterstop**
PVC waterstops
- **X-Stop HWS Waterstop**
Hydrophilic waterstop
- **X-Tite InjectaHose**
Injectable Waterstop



CAR PARK COATINGS

- **X-Tech DeckCoat CP**
Polyurethane elastic coating
- **X-Tech EpoxySeal FLR 100**
Solvent free epoxy coating
- **X-Tech LMP**
High build traffic paint
- **X-Tech IntegraFloor Quartz**
Monolithic hardener
- **X-Tech Formula X**
Liquid applied surface hardener



Estimation Guide

| Product Name | VOC g/L | Pack Size | Dosage Yield/Coverage | Product Name | VOC g/L | Pack Size | Dosage Yield/Coverage |
|-------------------------------|---------|--------------------------------|--|-----------------------------------|---------|---------------|---|
| QED Margel VPI 580 | <100 | 100 x10ml | 1 capsule/0.5m ² | X-Shield AcrylCoat | 50 | 20L | 1.76L/m ² |
| X-Cure WB/RB | 0 | 20L & 200L | 4.5 to 6.6m ² /L | X-Shield AntiCarb S | 26 | 18L | 5.7 to 8m ² /coat |
| X-Form WB/HP | 0 | 20L & 200L | 20 to 40m ² /L | X-Shield Anti-Skid Grains | 0 | 25kg | 0.4 to 0.8m ² /kg |
| X-Mix HPN | 0 | 210L | 1 to 3% b.w.c. | X-Shield EpoxySeal PW | <10 | 4.5 & 1.5L | 5m ² /L/coat (200mm) |
| X-Mix HPR | 0 | 210L | 1.5 to 3% b.w.c. | X-Shield FlexPruf | 0 | 22kg (12.8L) | 0.5 to 1.5m ² /L/coat |
| X-Mix MortarPlus/RetardPlus | 0 | 20L & 210L | 0.3 to 0.6% b.w.c. | X-Shield ProCoat | 228 | 20L | 0.9m ² /L (1mm) |
| X-Mix PPF | 0 | 0.6kg bag | 0.6kg m ³ | X-Shield StoneSeal | 0 | 20 & 200L | 6.5m ² /L |
| X-Pruf CrystalCap | 0 | 25kg bag | 12L/bag | X-Shield UraSeal S | 390 | 18L | colors - 12m ² /L/coat clear - 9m ² /L/coat |
| X-Pruf CrystalCoat | 0 | 25kg bag | 0.75kg/m ² /coat | X-Stop HWS Waterstop | 0 | 10m roll | 10m |
| X-Pruf KeyLok PVC | 0 | 1.35 x 5.8m | 7.83m ² /roll | X-Stop PVC Waterstop | 0 | 15m roll | 15m |
| X-Pruf NeoBond | 247 | 5L pails | 2 to 3m ² /L | X-Stop SwellSeal | 0 | 320ml | 9m (6x6mm bead) |
| X-Pruf PolyLiner PVC | 0 | 1.35 x 50m | 67.5m ² /roll | X-Tard SR | 0 | 10L | 6 to 10m ² /L |
| X-Pruf ProtectBoard 3mm & 6mm | 0 | 2 x 1m | 2m ² /sheet | X-Tech CemScreed 421 | 0 | 25kg | 13.5L/bag |
| X-Pruf PU1 | 91 | 20L | 1L/m ² at 1mm | X-Tech CrystalClear | <20 | 5L & 19L pack | 1L/m ² at 1mm |
| X-Pruf RBE | 0 | 20L & 200L | 1.5 to 4m ² /L | X-Tech DeckCoat CP Anti-Skid Coat | 280 | 15L | 2.5 to 4m ² /L |
| X-Pruf TorchOn Membrane | 0 | 10 x 1m | 10m ² /roll | X-Tech DeckCoat CP Primer | 0 | 15L | 5 to 8m ² /L |
| X-Pruf XL Membrane | 0 | 10 x 1m | 10m ² /roll | X-Tech DeckCoat TopCoat (UVR) | 390 | 15L | 0.15 to 0.25m ² /L |
| X-Pruf TP80 | 320 | 20L | 0.9m ² /L | X-Tech DecoQuartz QB | <10 | 5 & 15L pack | Base coat - 0.5L/m ² & Top coat 0.1L/m ² |
| X-Pruf XPS40 | 0 | 1.25 x 0.6 m | 0.75m ² /sheet | X-Tech EpoxyAqua SL | <10 | 18L pack | 2L/m ² at 2mm |
| X-Pruf 836HE | 298 | 20L & 200L | 1.2 to 1.5L/m ² /coat | X-Tech EpoxyAqua 100 | 0 | 4.5 & 15L | 14.4m ² /L/coat |
| X-Roc CrystalPatch | 0 | 25kg | 12.5L/bag | X-Tech EpoxyFloor SL | 0 | 10L | 5m ² (2mm) |
| X-Roc Latex | 0 | 20 & 200L drum | 8m ² /L (neat) & 16m ² /L (1:1 dilution) For curing 6 m ² /L | X-Tech EpoxyFloor TF | 10 | 12L pack | 2.4 m ² /12L pack at 5mm |
| X-Roc MicroCrete | 0 | 25kg | 13L/bag | X-Tech EpoxySeal FLR100/PW | 0 | 4.5 & 15L | 5m ² /L/coat (200mm) |
| X-Roc MultiBond LX | 0 | 5, 20 & 200kg | Yield - 65L (approx) | X-Tech Formula X | 0 | 20L | 5m ² /L/coat |
| X-Roc PileCap C | 0 | 25kg | 12L/bag | X-Tech HardSeal A | 0 | 20L | 6 to 7m ² /L/coat |
| X-Roc PileCap E | 145 | 20L | 1m ² /pack (20mm) | X-Tech IntegraFloor Quartz | 0 | 25kg | 4 to 5kg/m ² |
| X-Roc SkimCoat | 0 | 25kg | 18L/bag | X-Tech LevelCem SL | 0 | 25kg | 15L/bag |
| X-Roc StrongPatch | 0 | 25kg | 12L/bag | X-Tech LevelCem 10-60 | <10 | 25kg | 13.5 L/bag |
| X-Roc UltraPatch | 10 | 25kg | 16L/bag | X-Tech LevelCem 24 | <10 | 25kg | 14L/bag |
| X-Seal CladSeal HPS | 0 | 300ml & 600 ml | See Table 1 | X-Tech LMP | 450 | 5L & 18L | 4.6m ² /L |
| X-Seal FlamJoint A10/A14/S60 | 0 | 600 ml | See Table 1 | X-Tile FTA/CTA/STA | <20 | 25kg bag | Yield-14L/bag; Approx coverage 5.33m ² & 3.2m ² at 5mm thickness |
| X-Seal FR200 | 100 | 2.5 L pack (GG) & 4L pack (PG) | See Table 1 | X-Tite InjectaHose | 0 | 20m roll | 20m |
| X-Seal JointBoard P40/P60/XL | 0 | 0.95 & 1.9m | 1.8m ² | X-Tite InjectionGrout EP | 0 | 1L | Depends on crack size |
| X-Seal JointCord | 0 | 10, 15, 20, 25, 30, 40 & 50mm | 50m rolls & 2m | X-Tite ResiLoc EX22 | 189/0/0 | 400ml | See www.resiloc.com |
| X-Seal PS800 | 0 | 2.5 (GG) & 4L (PG) | See Table 1 | X-Tite ResiLoc P | <250 | 1L | See www.resiloc.com |
| X-Seal PU25 | 50 | 300, 400 & 600ml | See Table 1 | X Tite StrongSeal | 80 | 300ml | See Table 1 |
| X-Seal PU600 | 0 | 4L | See Table 1 | X-Tile Grout TJ | 0 | 10kg | See Table 2 |
| X-Seal SaniSeal HP20 | 0 | 300 & 600ml | See Table 1 | | | | |

Table 1
Sealant Estimation Calculator

| Joint Size (mm) | L/m run | m run/L |
|-----------------|---------|---------|
| 10 x 10 | 0.10 | 10.00 |
| 15 x 15 | 0.23 | 4.35 |
| 20 x 10 | 0.20 | 5.0 |
| 20 x 15 | 0.30 | 3.33 |
| 20 x 20 | 0.40 | 2.50 |
| 25 x 15 | 0.38 | 2.63 |
| 25 x 20 | 0.50 | 2.00 |
| 25 x 25 | 0.62 | 1.6 |
| 30 x 15 | 0.45 | 2.22 |
| 30 x 20 | 0.60 | 1.67 |
| 30 x 25 | 0.75 | 1.33 |
| 30 x 30 | 0.90 | 1.11 |
| 50 x 25 | 1.25 | 0.80 |

For joints of other dimensions, use the calculation below:

In meters per liter of sealant:

$$\frac{JW \text{ mm} \times SD \text{ mm} \times JL \text{ meters}}{1000}$$

Calculation programs are available on [x-calibur.us](http://www.x-calibur.us)

Table 2
X-Tile Grout TJ Approximate Coverage (kg/m²)

| Tile size mm | 2mm Joint | 3mm Joint | 4mm Joint |
|--------------|-----------|-----------|-----------|
| 25x25x6 | 1.9 | 2.8 | 5.6 |
| 50x50x6 | 0.8 | 1.2 | 2.4 |
| 100x100x10 | 0.8 | 1.1 | 2.2 |
| 100x100x13 | 1.0 | 1.4 | 2.8 |
| 100x200x10 | 0.6 | 0.8 | 1.6 |
| 100x200x13 | 0.8 | 1.1 | 2.2 |
| 150x150x10 | 0.6 | 0.8 | 0.8 |
| 150x150x13 | 0.7 | 1.0 | 1.6 |
| 150x150x19 | 1.0 | 1.4 | 2.0 |
| 200x200x10 | 0.4 | 0.6 | 0.6 |
| 200x200x13 | 0.6 | 0.8 | 0.8 |
| 250x250x10 | 0.3 | 0.4 | 0.4 |
| 300x300x10 | 0.2 | 0.3 | 0.3 |
| 300x300x13 | 0.2 | 0.3 | 0.3 |