

# Your Partner in Airport Construction & Refurbishment



## Airport Construction Product Guide

# X-CALIBUR CONSTRUCTION CHEMISTRY



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## Aircraft Hangar

**X-Tech EpoxyFloor SL3**  
High performance flooring  
**X-Seal HD80**  
Heavy duty joint sealant  
**X-Shield FlamSteel**  
Fire protection of steel structures  
**X-Tite Performance Grout**  
Grouting of structural steel  
**X-Shield ProCoat**  
Cool roof system  
**X-Shield ProFlex Two**  
Gutter sealing system  
**X-Shield ThermoStop HP**  
Roof insulating system

## Central Utilities Complex

**X-Tech EpoxySeal FLR100**  
Plant room floors  
**X-Tite EpoxyGrout 150**  
Equipment grouting  
**X-Pruf CrystalCoat**  
Water tank lining  
**X-Shield EpoxySeal PW**  
Portable water tank lining  
**X-Tite ResiLoc EX22**  
Equipment anchor bolting  
**X-Shield EpoxySeal CR**  
Waste water tank lining  
**X-Stop HWS**  
Waterstop for concrete expansion joints  
**X-Stop PVC**  
Waterstop for concrete expansion joints

## Cargo Facilities

**X-Tech EpoxyFloor SL4**  
Heavy duty floors (including super flat)  
**X-Tite ResiLoc EX22**  
Anchoring of racking  
**X-Tech EpoxyFloor TF**  
Battery room floors

## Terminal Building

**X-Joint**  
Mechanical expansion & control joints  
**X-Tech EpoxyTerrazzo/X-Tech CastFloor**  
Heavy duty decorative floors  
**X-Tile CTA & STA**  
Tile adhesives  
**X-Pruf KeyLok**  
Beneath ground slab waterproofing  
**X-Shield FlamSteel**  
Fire protection of steel structures  
**X-Shield ProCoat**  
Cool roof system  
**X-Pruf PolyLiner**  
Roof waterproofing  
**X-Seal FlamJoint**  
Penetration fire stop  
**X-Pruf ElastoCem**  
Wet area waterproofing  
**X-Tite Performance Grout**  
Grouting of structural steel  
**X-Tite ResiLoc EX22**  
Anchoring of rebar and threaded stud  
**X-Tech AntiStatic SLE**  
Computer rooms  
**X-Tech EpoxyFloor SL2**  
Service area flooring

## Baggage Handling

**X-Tech EpoxyFloor SL1**  
High build epoxy floor coating

## Elevated Road and Railway

**X-Tite SBA MT**  
Pre-cast segment adhesive  
**X-Tite Cable Grout**  
Grouting of prestressing tendons  
**X-Mix HPN**  
Superplasticiser for high strength precast  
**X-Cure**  
Curing compounds  
**X-Seal FR200**  
Expansion joint sealant  
**X-Seal Joint Board XL**  
Expansion joint filler board  
**X-Shield FS350 WP**  
Deck waterproofing

## Cable & Airfield Lighting

**X-Seal TrafficLoop**  
Airfield lighting sealing & cable slots  
**X-Tite EpoxyGrout 150**  
Airfield lighting bedding  
**X-Roc ResiCrete PE & S**  
Airfield lighting bedding

## Runways and Taxiways

**X-Mix**  
Air entrainment • Water reducers • Fibers  
**X-Roc MicroCrete**  
Concrete repair & resurfacing  
**X-Seal JointBoard XL**  
High performance joint filler board  
**X-Seal FR200**  
Fuel & blast resistant joint sealant  
**X-Tite ResiLoc EX22**  
Fixing dowel bars  
**X-Cure**  
Curing of concrete  
**X-Roc Microcrete Rapid**  
Fast track concrete repairs & resurfacing

## Service & Rail Tunnels

**X-Pruf KeyLok**  
Underground slab & wall waterproofing  
**X-Shield FS350**  
Wall and roof slab waterproofing  
**X-Seal 3C AF**  
Panel & segment sealing  
**X-Pruf PolyLiner PVC**  
PVC Membrane  
**X-Tite Performance Grout**  
Grouting of precast segments  
**X-Stop HWS**  
Waterstop for concrete contraction joints  
**X-Stop PVC**  
Waterstop for concrete expansion joints  
**X-Seal JointBoard XL**  
High load capacity joint filler board  
**X-Seal PS800**  
Expansion joint sealant

## Refueling

**X-Shield FS450**  
Fuel pit lining refurbishment  
**X-Shield EpoxySeal CR**  
Fuel pit lining refurbishment  
Fuel spill containment  
**X-Tech DuraDeck**  
Fuel spill containment - traffic areas

## Catering

**X-Tech UraFloor TF/HT**  
Kitchen floors  
**X-Tech EpoxyFloor SL**  
Warehouse floors  
**X-Tech UraFloor CS**  
Cold store floors

## Car Park

**X-Joint**  
Mechanical joint system  
**X-Tech DecoCoat CP**  
Car park coating systems

# Reference Projects



- ✈ **Aerpuerto Internacional de Tocumen Panama**
- ✈ **Abu Dhabi International Airport**
- ✈ **Bateen Abu Dhabi Airport**
- ✈ **Denver International Airport**
- ✈ **Dubai International Airport**
- ✈ **DWC - Al Maktoum International Airport**
- ✈ **Hamad International Airport Doha**
- ✈ **Hong Kong International Airport**
- ✈ **Jomo Kenyatta International Airport**
- ✈ **Malabo International Airport**
- ✈ **Noi Bai International Airport**
- ✈ **Palm Beach International Airport**
- ✈ **Southwest Florida International Airport**
- ✈ **Sir Seewoosagur Ramgoolam International Airport**
- ✈ **Julius Nyerere International Airport**

**X-Calibur has supplied products to military airfields in:**

- ✈ **Afghanistan**
- ✈ **Djibouti**
- ✈ **Egypt**
- ✈ **Oman**
- ✈ **India**
- ✈ **UAE**
- ✈ **USA**

