Technical Data Sheet

X-Tech UraFloor HT

Heavy duty polyurethane hybrid flooring for high temperature application

Product Description
X-Tech UraFloor HT is a heavy duty solvent free polyurethane flooring system which is available in screed, self leveling and semi-fluid forms to give various textured finishes.

Advantages
- Formaldehyde free
- High durability
- Resistant to abrasion, impact and chemical attack
- Able to be steam cleaned at a thickness of 5mm
- Seamless and hygienic finish
- Excellent chemical resistance
- Resistant to thermal shock
- Low odour during installation

Uses
X-Tech UraFloor HT is used in heavy duty applications such as chemical processing, food processing, brewing, engineering process areas, joint nosing and bedding applications.

Specification Compliance
SCAQMD Rule 1113
LEED NC2009 IEQ 4.2

Laboratory Test Data

Property	Typical Results
Compressive strength (ASTM C109)	>60 MPa
Tensile strength (ASTM D638)	6 MPa
Flexural strength (ASTM C580)	16 MPa
Impact resistance (ASTM D2794)	>19 joules
Bond strength (ASTM D4541)	Failure in concrete
Abrasion resistance (ASTM D4060 1000g/1000r CS17)	<50 mg

Operating Temperature
–15C to +120C subject to thickness.

Volatile Organic Content
VOC = <50 g/L

Theoretical Coverage
2 Kg / m2 per mm thickness

Application Properties at 20C

Application thickness	Screed: 5 to 12mm
Pot life	45 to 90 min
Light traffic	10 to 12h
Light wheeled traffic	24h
Heavy duty traffic	24 to 48h
Fully cure (water resistance)	5d

Chemical Resistance
Excellent resistance to organic and inorganic acids, alkalis, fuel and hydraulic oils, aromatic and aliphatic solvents.

Colors
RAL 7035 Light Grey RAL 7001 Silver Grey
RAL 3002 Carmine Red RAL 1002 Sand Yellow
Other colours available subject to MOQ

Packaging
X-Prime SF & X-Prime MT100 - 1, 5 Kg packs
X-Tech UraFloor HT 24 Kg

Shelf Life
18 months when stored between 10 to 35C under shade in dry conditions.

Application Guidelines
X-Tech UraFloor HT should be applied by experienced applicators. NCC X-Calibur provides detailed method statements on all its products for use in various applications. These must be referred to prior to starting work. The information below is a summary intended for guidance only.

Surface Preparation
The substrate must be structurally sound. Loose or unsound concrete should be removed and made good. Surfaces must be entirely free of oil, grease, paint, corrosion deposits, dust, laitance or other surface deposits. The surface should be prepared by captive blasting to produce a lightly exposed aggregate surface i.e. a ICRI CSP 4 or 5 surface profile. Any bug holes (blow holes) should be filled with X-Shield BugFill or X-Tech Primer Filler (when using X-Prime MT100 apply BugFill or Primer Filler after priming).