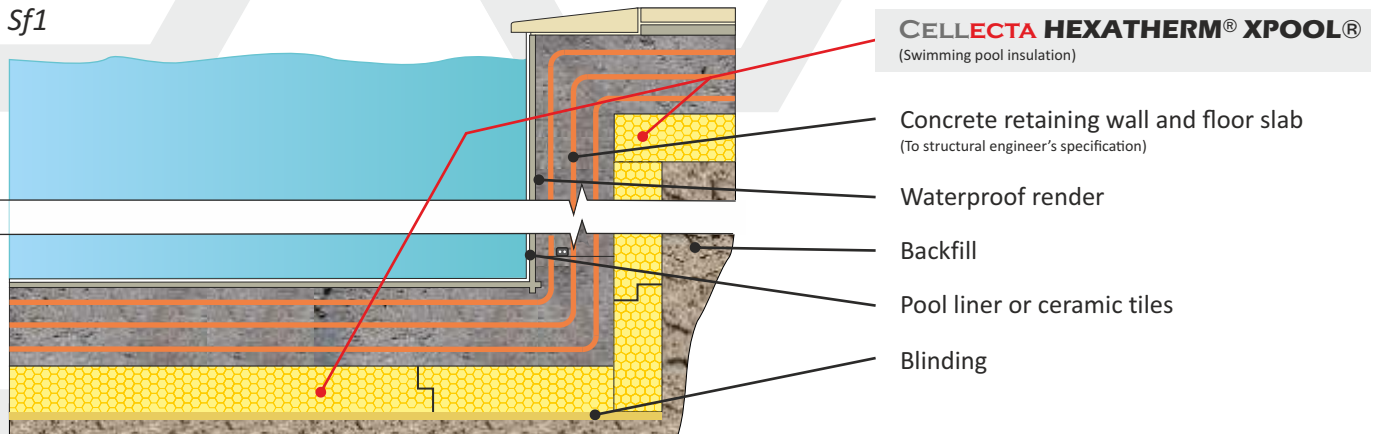


CELLECTA HEXATHERM® XPOOL® insulation installed below slab and external face of the retaining walls

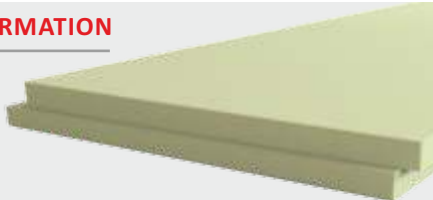


FASTRACKCAD
ARCHITECTURAL CAD DATABASES

n55Plus

FASTRACKBIM
ARCHITECTURAL BIM DATABASES

PRODUCT INFORMATION



Designed specifically for swimming pool applications **XPOOL** insulation boards have a ultra high resistance to compression, extremely low water absorption and outstanding thermal performance, providing long term energy savings.

PRODUCT BENEFITS

- Ultra high compressive strength
- Excellent life-long thermal performance
- Very low water absorption
- Closed cell structure

PHYSICAL PROPERTIES

	XPOOL
Thermal Conductivity EN 12667 (W/mK)	0.035
Strength at 10% compression EN 826 (kPa)	500
Strength at 2% compression EN 1606 (kPa)	180
Long term water absorption by immersion EN 12087	0.7%
Temperature range	-50/+75 °C
Board size (mm)	600 x 1250
Thickness* (mm) (other sizes manufactured to order)	50 60 75 80 100 120 140 160
Edge profile	 Shiplap

(1) Excluding XFLOOR 500

(2) Currently undergoing assessment. (3) On completion of ISO14001 assessment.

TYPICAL THICKNESS OF INSULATION REQUIRED

P/A ratio	HEXATHERM® XPOOL® (mm)							
0.7	90	110	125	150	165	200	240	290
0.6	90	110	120	140	160	200	240	290
0.5	75	100	110	130	150	200	240	280
0.4	75	90	100	120	140	180	220	270
0.3	60	75	90	110	130	160	200	250
	0.25	0.22	0.20	0.18	0.16	0.14	0.12	0.10

U-value (W/m²K)

Calculated in accordance with ISO 15370

THIRD PARTY ACCREDITATION & APPROVALS

BM TRADA⁽²⁾ Q Mark certified product
NHBC, LABC and Premier guarantee accepted
BREAM MAT 6 compliant⁽³⁾

STANDARDS

EN 13164: 2012
ISO 9001 - Quality management system (QMS)⁽²⁾
ISO 14001 - Environmental management system (EMS)⁽²⁾



ENVIRONMENTAL CREDENTIALS



CODE FOR SUSTAINABLE HOMES

The following Code for Sustainable Homes credits are obtainable as a result of incorporating **HEXATHERM®** into the construction detailed.

Mat 1

Element N°	820100010
Green Guide rating	C
Code credits	0.5

Note. Mat 1 Code credits have an approximate weighted value of 0.3