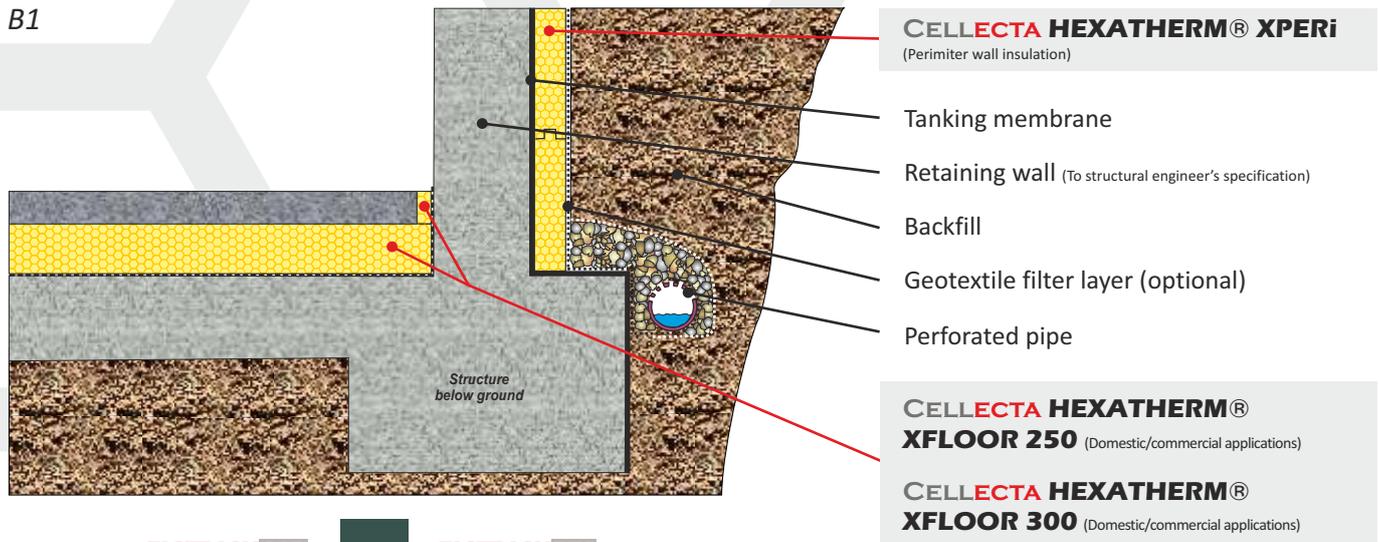


CELLECTA **HEXATHERM® XPERi** insulation installed externally against basement wall  
 CELLECTA **HEXATHERM® XFLOOR** insulation installed below floating screed

B1

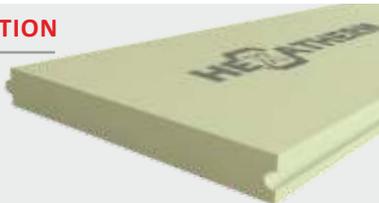


FASTRACKCAD  
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nsPlus

FASTRACKBIM  
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## PRODUCT INFORMATION



**XPERi** & **XFLOOR** boards have outstanding compressive strength, low water absorption and life-long thermal performance, make them the ideal insulation for basements and below ground applications.

## PRODUCT BENEFITS

- ⬡ Very low water absorption
- ⬡ High compressive strength
- ⬡ Excellent life-long thermal performance
- ⬡ Closed cell structure

## PHYSICAL PROPERTIES

	<b>XPERi</b>	<b>XFLOOR</b>	
		<b>250</b>	<b>300</b>
Thermal Conductivity $\leq 30\text{mm}$ EN 12667 (W/mK)	0.035 0.035	0.035 -	- 0.035
Strength at 10% compression EN 826 (kPa)	$\leq 30\text{mm}$ $\geq 40\text{mm}$	250 300	250 - 300
Strength at 2% compression EN 1606 (kPa)	$\leq 30\text{mm}$ $\geq 40\text{mm}$	80 125	80 - 125
Long term water absorption by immersion EN 12087	0.7%	0.7%	0.7%
Temperature range	-50/+75 °C	-50/+75 °C	-50/+75 °C
Board size (mm)	600 x 2500	600 x 2500	600 x 2500
Thickness* (mm) (other sizes manufactured to order)	30 40 50 60 80 100 120 140 160	20 25 30	40 50 60 75 80 100 120 140 160
Edge profile	T&G	Square	Square

## TYPICAL THICKNESS OF INSULATION REQUIRED

The method of calculating the U-value of a basements is more complex than other applications. To determine the thickness of insulation required contact **CELLECTA** for assistance.  
 T. 08456 71-71-74.  
 E. technical@cellecta.co.uk

## THIRD PARTY ACCREDITATION & APPROVALS

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

## STANDARDS

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

## 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.

<b>Pol 1</b>		<b>Mat 1</b>	
<b>HEXATHERM XPS boards</b>		Element N°	820100010
GWP value	<5	Green Guide rating	C
Code credits	1	Code credits	0.5

Note. Pol.1 Code credits have an approximate weighted value of 0.7

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

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