



## Declaration of Performance

### G4207OPCPR

1. Unique Identification code of the product-type.  
Hodgson Slab CS32, DriTherm 32 Ultimate, EcoBatt 032, EcoBatt Slab, FactoryClad 32, FrameTherm Roll 32, Glass Slab 032 FF, Frametherm Slab, Kalzip Plus 32, Rafter Roll, Room-in-Roof 032, Universal Slab CS48, Universal Slab CS48 SE.
2. Type, Batch or serial number or any other element allowing identification of the construction product as required under article 11(4) of the CPR:  
See Product Label
3. Intended use or uses of the construction product, in accordance with the applicable harmonized technical specification foreseen by the manufacturer:  
Thermal Insulation for Buildings (ThIB)
4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5)  
Knauf Insulation  
Am Bahnhof 7, 97346 Iphofen,  
Deutschland.  
[www.knaufinsulation.com](http://www.knaufinsulation.com)  
Contact: [dop@knaufinsulation.com](mailto:dop@knaufinsulation.com)
5. Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2):  
Not applicable.
6. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:
  - AVCP System 1 for Reaction to Fire
  - AVCP System 3 for the other characteristics
7. In case of the declaration of performance concerning a construction product covered by a harmonized standard:  
BSI (Notified certification body N° 0086) performed the initial inspection of the manufacturing plant and factory production control and the continuous surveillance, assessment and evaluation of factory production control; and issued the certificate of constancy of performance for reaction to fire.  
  
BSI (Notified testing laboratory N°0086) performed the test reports for the other declared characteristics
8. In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued:  
Not applicable

## 9. Declared Performances.

| <b>Essential characteristics</b>     | <b>Harmonized Standard</b>     | <b>Hodgson Slab CS48</b> | <b>DriTherm 32 Ultimate</b> | <b>EcoBatt 032</b> | <b>EcoBatt Slab</b> | <b>FactoryClad 32</b> | <b>FrameTherm Roll 32</b> | <b>FrameTherm Slab 32</b> | <b>Glass Slab 032 Foil faced</b> | <b>Kalzip Plus 32</b> | <b>Rafter Roll</b> | <b>Room – in – Roof Roll 032</b> | <b>Universal Slab CS48</b> | <b>Universal Slab CS48 SE</b> |
|--------------------------------------|--------------------------------|--------------------------|-----------------------------|--------------------|---------------------|-----------------------|---------------------------|---------------------------|----------------------------------|-----------------------|--------------------|----------------------------------|----------------------------|-------------------------------|
| Thermal conductivity (W/mK)          | EN 12667:2001                  | 0.032                    | 0.032                       | 0.032              | 0.032               | 0.032                 | 0.032                     | 0.032                     | 0.032                            | 0.032                 | 0.032              | 0.032                            | 0.032                      | 0.032                         |
| Thermal Resistance                   | EN 12667:2001                  | See product label        | See product label           | See product label  | See product label   | See product label     | See product label         | See product label         | See product label                | See product label     | See product label  | See product label                | See product label          | See product label             |
| Thickness range (mm)                 | EN 12431:2007                  | 30 – 75mm                | 50 – 125mm                  | 80 – 95mm          | 80 – 95mm           | 80 – 100mm            | 50 - 140mm                | 50 – 140mm                | 98mm                             | 80 – 120mm            | 50 - 140mm         | 100mm                            | 25 – 75mm                  | 40mm                          |
| Thickness tolerance                  | EN 823:2008                    | T4                       | T4                          | T4                 | T4                  | T1                    | T2                        | T2                        | T4                               | T1                    | T1                 | T1                               | T4                         | T4                            |
| Reaction to fire                     | EN 13501-1:2010                | A1                       | A1                          | A1                 | A1                  | A1                    | A1                        | A1                        | F                                | A1                    | A1                 | A2                               | A1                         | A1                            |
| Dimensional stability 70°C/90%r.h.   | EN 1604:2007                   | NPD                      | NPD                         | NPD                | NPD                 | NPD                   | NPD                       | NPD                       | NPD                              | NPD                   | NPD                | NPD                              | NPD                        | NPD                           |
| Compression Stress                   | EN 826:1996                    | NPD                      | NPD                         | NPD                | NPD                 | NPD                   | NPD                       | NPD                       | NPD                              | NPD                   | NPD                | NPD                              | NPD                        | NPD                           |
| Tensile strength perpendicular faces | EN 1607:1997                   | NPD                      | NPD                         | NPD                | NPD                 | NPD                   | NPD                       | NPD                       | NPD                              | NPD                   | NPD                | NPD                              | NPD                        | NPD                           |
| Point Load                           | EN 12430:2007                  | NPD                      | NPD                         | NPD                | NPD                 | NPD                   | NPD                       | NPD                       | NPD                              | NPD                   | NPD                | NPD                              | NPD                        | NPD                           |
| Compressive creep                    | EN 1606:2007                   | NPD                      | NPD                         | NPD                | NPD                 | NPD                   | NPD                       | NPD                       | NPD                              | NPD                   | NPD                | NPD                              | NPD                        | NPD                           |
| Short water absorption               | EN 1609:2007                   | NPD                      | WS                          | NPD                | WS                  | NPD                   | NPD                       | NPD                       | NPD                              | NPD                   | NPD                | NPD                              | NPD                        | WS                            |
| Long term water absorption           | EN 12087:2007                  | NPD                      | NPD                         | NPD                | NPD                 | NPD                   | NPD                       | NPD                       | NPD                              | NPD                   | NPD                | NPD                              | NPD                        | NPD                           |
| Water vapor transmission             | EN 12086:1997                  | NPD                      | NPD                         | NPD                | NPD                 | NPD                   | NPD                       | NPD                       | NPD                              | NPD                   | NPD                | NPD                              | NPD                        | NPD                           |
| Dynamic stiffness                    | EN 29052-1:1992                | NPD                      | NPD                         | NPD                | NPD                 | NPD                   | NPD                       | NPD                       | NPD                              | NPD                   | NPD                | NPD                              | NPD                        | NPD                           |
| Compressibility                      | EN 12431:2007/<br>EN 1606:2007 | NPD                      | NPD                         | NPD                | NPD                 | NPD                   | NPD                       | NPD                       | NPD                              | NPD                   | NPD                | NPD                              | NPD                        | NPD                           |
| Sound absorption                     | EN 11654:1997                  | NPD                      | NPD                         | NPD                | NPD                 | NPD                   | NPD                       | NPD                       | NPD                              | NPD                   | NPD                | NPD                              | NPD                        | NPD                           |
| Air flow resistivity                 | EN 29053:1993                  | NPD                      | NPD                         | NPD                | NPD                 | NPD                   | NPD                       | NPD                       | NPD                              | NPD                   | NPD                | NPD                              | NPD                        | NPD                           |



10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

Ian Gornall – Plant Manager  
(Name and function)

A handwritten signature in black ink, appearing to read 'Ian Gornall', written in a cursive style.

In ST HELENS UK, July 1<sup>st</sup> 2013. ....  
(Place and date of issue)

(Signature)