

Declaration of Performance

G4207JPCPR

1. Unique identification code of the product-type:
DriTherm® Cavity Slab 37, Formstykker 37, Murisolering 37, Rulle 37, Masonry Party Wall Slab, Multi Pack Ceiling Roll 37, Stålrregel 37, Träregel 37, Spærruller 37 Papirbelagt, Stålstender 37, Trestender 37, Trestenderskiva 37, Stålstenderskiva 37, Stålrregelskiva 37, Träregelskiva 37
2. Intended use or uses:
Thermal Insulation for Buildings (ThIB)
3. Manufacturer:
Knauf Insulation Ltd.
PO Box 10, Stafford Road, WA10 3NS St.Helens, Merseyside
UK
www.knaufinsulation.com - dop@knaufinsulation.com
4. Authorised representative:
Knauf Insulation AB
Gardatorget 1
412 50 Goteborg
Sweden
5. System or systems of assessment and verification of constancy of performance:
AVCP System 1 for Reaction to Fire A1, A2, B, C
AVCP System 3 for Reaction to Fire D, E
AVCP System 4 for Reaction to Fire F
AVCP System 3 for the other characteristics
- 6a. Harmonized Standard:

EN 13162:2012 + A1:2015

Notified body or bodies:
AVCP System 1: (Notified certification body) 0402 - RISE Research Institutes of Sweden AB

AVCP System 3: (Notified testing laboratory) 0402 - RISE Research Institutes of Sweden AB
- 6b. European Assessment document: not applicable
European Technical Assessment: not applicable
Technical Assessment Body: not applicable
Notified body/ies: not applicable
7. Declared Performances:
See next page

| Essential Characteristics | G4207JPCPR | | Harmonised technical standard |
|---|---|--------------------------|-------------------------------|
| | Performance {f} | DriTherm® Cavity Slab 37 | |
| Thermal Resistance | Thermal conductivity (W/mK) | λ_D 0,037 | EN 13162:2012 + A1:2015 |
| | Thermal Resistance | See performance chart | |
| | Thickness range (mm) | 50-150 | |
| | Thickness tolerance | T4 | |
| Reaction to Fire | Reaction to fire | A1 | |
| Durability of reaction to fire against heat, weathering, ageing / degradation | Durability Characteristics | NPD {a} | |
| Durability of thermal resistance against heat, weathering, ageing / degradation | Thermal Resistance | NPD{b} | |
| | Thermal conductivity | NPD | |
| | Durability characteristics | NPD {c} | |
| Compressive Strength | Compressive Stress / Compressive Strength | NPD | |
| | Point Load | NPD | |
| Tensile / Flexural strength | Tensile strength perpendicular faces | NPD {d} | |
| Durability of compressive Strength against ageing / degradation | Compressive creep | NPD | |
| Water Permeability | Short term water absorption | WS | |
| | Long term water absorption | NPD | |
| Water vapour permeability | Water vapour transmission, water vapour diffusion resistance factor | NPD | |
| Impact noise transmissions index (for floors) | Dynamic stiffness | NPD | |
| | Thickness | NPD | |
| | Compressibility | NPD | |
| | Air flow resistivity | NPD | |
| Acoustic absorptions index | Sound absorption | NPD | |
| Direct airborne sound insulation index | Air flow resistivity | NPD | |
| Release of dangerous substances to the indoor environment | Release of dangerous substances | NPD {e} | |
| Continuous glowing combustion | Continuous glowing combustion | NPD {e} | |
| NPD - No performance determined | | | |

| Essential Characteristics | G4207JPCPR | | Harmonised technical standard |
|---|---|-----------------------|-------------------------------|
| | Performance {f} | Formstykker 37 | |
| Thermal Resistance | Thermal conductivity (W/mK) | λ_D 0,037 | EN 13162:2012 + A1:2015 |
| | Thermal Resistance | See performance chart | |
| | Thickness range (mm) | 45-245 | |
| | Thickness tolerance | T4 | |
| Reaction to Fire | Reaction to fire | A1 | |
| Durability of reaction to fire against heat, weathering, ageing / degradation | Durability Characteristics | NPD {a} | |
| Durability of thermal resistance against heat, weathering, ageing / degradation | Thermal Resistance | NPD{b} | |
| | Thermal conductivity | NPD | |
| | Durability characteristics | NPD {c} | |
| Compressive Strength | Compressive Stress / Compressive Strength | NPD | |
| | Point Load | NPD | |
| Tensile / Flexural strength | Tensile strength perpendicular faces | NPD {d} | |
| Durability of compressive Strength against ageing / degradation | Compressive creep | NPD | |
| Water Permeability | Short term water absorption | NPD | |
| | Long term water absorption | NPD | |
| Water vapour permeability | Water vapour transmission, water vapour diffusion resistance factor | NPD | |
| Impact noise transmissions index (for floors) | Dynamic stiffness | NPD | |
| | Thickness | NPD | |
| | Compressibility | NPD | |
| | Air flow resistivity | NPD | |
| Acoustic absorptions index | Sound absorption | NPD | |
| Direct airborne sound insulation index | Air flow resistivity | NPD | |
| Release of dangerous substances to the indoor environment | Release of dangerous substances | NPD {e} | |
| Continuous glowing combustion | Continuous glowing combustion | NPD {e} | |
| NPD - No performance determined | | | |

| Essential Characteristics | G4207JPCPR | | Harmonised technical standard |
|---|---|-------------------------|-------------------------------|
| | Performance {f} | Masonry Party Wall Slab | |
| Thermal Resistance | Thermal conductivity (W/mK) | λ_D 0,037 | EN 13162:2012 + A1:2015 |
| | Thermal Resistance | See performance chart | |
| | Thickness range (mm) | 75-100 | |
| | Thickness tolerance | T4 | |
| Reaction to Fire | Reaction to fire | A1 | |
| Durability of reaction to fire against heat, weathering, ageing / degradation | Durability Characteristics | NPD {a} | |
| Durability of thermal resistance against heat, weathering, ageing / degradation | Thermal Resistance | NPD{b} | |
| | Thermal conductivity | NPD | |
| | Durability characteristics | NPD {c} | |
| Compressive Strength | Compressive Stress / Compressive Strength | NPD | |
| | Point Load | NPD | |
| Tensile / Flexural strength | Tensile strength perpendicular faces | NPD {d} | |
| Durability of compressive Strength against ageing / degradation | Compressive creep | NPD | |
| Water Permeability | Short term water absorption | WS | |
| | Long term water absorption | NPD | |
| Water vapour permeability | Water vapour transmission, water vapour diffusion resistance factor | NPD | |
| Impact noise transmissions index (for floors) | Dynamic stiffness | NPD | |
| | Thickness | NPD | |
| | Compressibility | NPD | |
| | Air flow resistivity | NPD | |
| Acoustic absorptions index | Sound absorption | NPD | |
| Direct airborne sound insulation index | Air flow resistivity | NPD | |
| Release of dangerous substances to the indoor environment | Release of dangerous substances | NPD {e} | |
| Continuous glowing combustion | Continuous glowing combustion | NPD {e} | |
| NPD - No performance determined | | | |

| Essential Characteristics | G4207JPCPR | | Harmonised technical standard |
|---|---|----------------------------|-------------------------------|
| | Performance {f} | Multi Pack Ceiling Roll 37 | |
| Thermal Resistance | Thermal conductivity (W/mK) | λ_D 0,037 | EN 13162:2012 + A1:2015 |
| | Thermal Resistance | See performance chart | |
| | Thickness range (mm) | 50 | |
| | Thickness tolerance | T2 | |
| Reaction to Fire | Reaction to fire | A1 | |
| Durability of reaction to fire against heat, weathering, ageing / degradation | Durability Characteristics | NPD {a} | |
| Durability of thermal resistance against heat, weathering, ageing / degradation | Thermal Resistance | NPD{b} | |
| | Thermal conductivity | NPD | |
| | Durability characteristics | NPD {c} | |
| Compressive Strength | Compressive Stress / Compressive Strength | NPD | |
| | Point Load | NPD | |
| Tensile / Flexural strength | Tensile strength perpendicular faces | NPD {d} | |
| Durability of compressive Strength against ageing / degradation | Compressive creep | NPD | |
| Water Permeability | Short term water absorption | NPD | |
| | Long term water absorption | NPD | |
| Water vapour permeability | Water vapour transmission, water vapour diffusion resistance factor | NPD | |
| Impact noise transmissions index (for floors) | Dynamic stiffness | NPD | |
| | Thickness | NPD | |
| | Compressibility | NPD | |
| | Air flow resistivity | NPD | |
| Acoustic absorptions index | Sound absorption | NPD | |
| Direct airborne sound insulation index | Air flow resistivity | NPD | |
| Release of dangerous substances to the indoor environment | Release of dangerous substances | NPD {e} | |
| Continuous glowing combustion | Continuous glowing combustion | NPD {e} | |
| NPD - No performance determined | | | |

| Essential Characteristics | G4207JPCPR | | Harmonised technical standard |
|---|---|-----------------------|-------------------------------|
| | Performance {f} | Murisolering 37 | |
| Thermal Resistance | Thermal conductivity (W/mK) | λ_D 0,037 | EN 13162:2012 + A1:2015 |
| | Thermal Resistance | See performance chart | |
| | Thickness range (mm) | 125-240 | |
| | Thickness tolerance | T4 | |
| Reaction to Fire | Reaction to fire | A1 | |
| Durability of reaction to fire against heat, weathering, ageing / degradation | Durability Characteristics | NPD {a} | |
| Durability of thermal resistance against heat, weathering, ageing / degradation | Thermal Resistance | NPD{b} | |
| | Thermal conductivity | NPD | |
| | Durability characteristics | NPD {c} | |
| Compressive Strength | Compressive Stress / Compressive Strength | NPD | |
| | Point Load | NPD | |
| Tensile / Flexural strength | Tensile strength perpendicular faces | NPD {d} | |
| Durability of compressive Strength against ageing / degradation | Compressive creep | NPD | |
| Water Permeability | Short term water absorption | WS | |
| | Long term water absorption | NPD | |
| Water vapour permeability | Water vapour transmission, water vapour diffusion resistance factor | NPD | |
| Impact noise transmissions index (for floors) | Dynamic stiffness | NPD | |
| | Thickness | NPD | |
| | Compressibility | NPD | |
| | Air flow resistivity | NPD | |
| Acoustic absorptions index | Sound absorption | NPD | |
| Direct airborne sound insulation index | Air flow resistivity | NPD | |
| Release of dangerous substances to the indoor environment | Release of dangerous substances | NPD {e} | |
| Continuous glowing combustion | Continuous glowing combustion | NPD {e} | |
| NPD - No performance determined | | | |

| Essential Characteristics | G4207JPCPR | | Harmonised technical standard |
|---|---|-----------------------|-------------------------------|
| | Performance {f} | Rulle 37 | |
| Thermal Resistance | Thermal conductivity (W/mK) | λ_D 0,037 | EN 13162:2012 + A1:2015 |
| | Thermal Resistance | See performance chart | |
| | Thickness range (mm) | 45-220 | |
| | Thickness tolerance | T2 | |
| Reaction to Fire | Reaction to fire | A1 | |
| Durability of reaction to fire against heat, weathering, ageing / degradation | Durability Characteristics | NPD {a} | |
| Durability of thermal resistance against heat, weathering, ageing / degradation | Thermal Resistance | NPD{b} | |
| | Thermal conductivity | NPD | |
| | Durability characteristics | NPD {c} | |
| Compressive Strength | Compressive Stress / Compressive Strength | NPD | |
| | Point Load | NPD | |
| Tensile / Flexural strength | Tensile strength perpendicular faces | NPD {d} | |
| Durability of compressive Strength against ageing / degradation | Compressive creep | NPD | |
| Water Permeability | Short term water absorption | NPD | |
| | Long term water absorption | NPD | |
| Water vapour permeability | Water vapour transmission, water vapour diffusion resistance factor | NPD | |
| Impact noise transmissions index (for floors) | Dynamic stiffness | NPD | |
| | Thickness | NPD | |
| | Compressibility | NPD | |
| | Air flow resistivity | NPD | |
| Acoustic absorptions index | Sound absorption | NPD | |
| Direct airborne sound insulation index | Air flow resistivity | NPD | |
| Release of dangerous substances to the indoor environment | Release of dangerous substances | NPD {e} | |
| Continuous glowing combustion | Continuous glowing combustion | NPD {e} | |
| NPD - No performance determined | | | |

| Essential Characteristics | G4207JPCPR | | Harmonised technical standard |
|---|---|----------------------------|-------------------------------|
| | Performance {f} | Spærruller 37 Papierbelagt | |
| Thermal Resistance | Thermal conductivity (W/mK) | λ_D 0,037 | EN 13162:2012 + A1:2015 |
| | Thermal Resistance | See performance chart | |
| | Thickness range (mm) | 95 | |
| | Thickness tolerance | T2 | |
| Reaction to Fire | Reaction to fire | F | |
| Durability of reaction to fire against heat, weathering, ageing / degradation | Durability Characteristics | NPD {a} | |
| Durability of thermal resistance against heat, weathering, ageing / degradation | Thermal Resistance | NPD{b} | |
| | Thermal conductivity | NPD | |
| | Durability characteristics | NPD {c} | |
| Compressive Strength | Compressive Stress / Compressive Strength | NPD | |
| | Point Load | NPD | |
| Tensile / Flexural strength | Tensile strength perpendicular faces | NPD {d} | |
| Durability of compressive Strength against ageing / degradation | Compressive creep | NPD | |
| Water Permeability | Short term water absorption | NPD | |
| | Long term water absorption | NPD | |
| Water vapour permeability | Water vapour transmission, water vapour diffusion resistance factor | NPD | |
| Impact noise transmissions index (for floors) | Dynamic stiffness | NPD | |
| | Thickness | NPD | |
| | Compressibility | NPD | |
| | Air flow resistivity | NPD | |
| Acoustic absorptions index | Sound absorption | NPD | |
| Direct airborne sound insulation index | Air flow resistivity | NPD | |
| Release of dangerous substances to the indoor environment | Release of dangerous substances | NPD {e} | |
| Continuous glowing combustion | Continuous glowing combustion | NPD {e} | |
| NPD - No performance determined | | | |

| Essential Characteristics | G4207JPCPR | | Harmonised technical standard |
|---|---|-----------------------|-------------------------------|
| | Performance {f} | Ståltrege 37 | |
| Thermal Resistance | Thermal conductivity (W/mK) | λ_D 0,037 | EN 13162:2012 + A1:2015 |
| | Thermal Resistance | See performance chart | |
| | Thickness range (mm) | 45-195 | |
| | Thickness tolerance | T4 | |
| Reaction to Fire | Reaction to fire | A1 | |
| Durability of reaction to fire against heat, weathering, ageing / degradation | Durability Characteristics | NPD {a} | |
| Durability of thermal resistance against heat, weathering, ageing / degradation | Thermal Resistance | NPD{b} | |
| | Thermal conductivity | NPD | |
| | Durability characteristics | NPD {c} | |
| Compressive Strength | Compressive Stress / Compressive Strength | NPD | |
| | Point Load | NPD | |
| Tensile / Flexural strength | Tensile strength perpendicular faces | NPD {d} | |
| Durability of compressive Strength against ageing / degradation | Compressive creep | NPD | |
| Water Permeability | Short term water absorption | NPD | |
| | Long term water absorption | NPD | |
| Water vapour permeability | Water vapour transmission, water vapour diffusion resistance factor | NPD | |
| Impact noise transmissions index (for floors) | Dynamic stiffness | NPD | |
| | Thickness | NPD | |
| | Compressibility | NPD | |
| | Air flow resistivity | NPD | |
| Acoustic absorptions index | Sound absorption | NPD | |
| Direct airborne sound insulation index | Air flow resistivity | NPD | |
| Release of dangerous substances to the indoor environment | Release of dangerous substances | NPD {e} | |
| Continuous glowing combustion | Continuous glowing combustion | NPD {e} | |
| NPD - No performance determined | | | |

| Essential Characteristics | G4207JPCPR | | Harmonised technical standard |
|---|---|-----------------------|-------------------------------|
| | Performance {f} | Stålsregelskiva 37 | |
| Thermal Resistance | Thermal conductivity (W/mK) | λ_D 0,037 | EN 13162:2012 + A1:2015 |
| | Thermal Resistance | See performance chart | |
| | Thickness range (mm) | 45-195 | |
| | Thickness tolerance | T4 | |
| Reaction to Fire | Reaction to fire | A1 | |
| Durability of reaction to fire against heat, weathering, ageing / degradation | Durability Characteristics | NPD {a} | |
| Durability of thermal resistance against heat, weathering, ageing / degradation | Thermal Resistance | NPD{b} | |
| | Thermal conductivity | NPD | |
| | Durability characteristics | NPD {c} | |
| Compressive Strength | Compressive Stress / Compressive Strength | NPD | |
| | Point Load | NPD | |
| Tensile / Flexural strength | Tensile strength perpendicular faces | NPD {d} | |
| Durability of compressive Strength against ageing / degradation | Compressive creep | NPD | |
| Water Permeability | Short term water absorption | NPD | |
| | Long term water absorption | NPD | |
| Water vapour permeability | Water vapour transmission, water vapour diffusion resistance factor | NPD | |
| Impact noise transmissions index (for floors) | Dynamic stiffness | NPD | |
| | Thickness | NPD | |
| | Compressibility | NPD | |
| | Air flow resistivity | NPD | |
| Acoustic absorptions index | Sound absorption | NPD | |
| Direct airborne sound insulation index | Air flow resistivity | NPD | |
| Release of dangerous substances to the indoor environment | Release of dangerous substances | NPD {e} | |
| Continuous glowing combustion | Continuous glowing combustion | NPD {e} | |
| NPD - No performance determined | | | |

| Essential Characteristics | G4207JPCPR | | Harmonised technical standard |
|---|---|-----------------------|-------------------------------|
| | Performance {f} | Stålstender 37 | |
| Thermal Resistance | Thermal conductivity (W/mK) | λ_D 0,037 | EN 13162:2012 + A1:2015 |
| | Thermal Resistance | See performance chart | |
| | Thickness range (mm) | 45-195 | |
| | Thickness tolerance | T4 | |
| Reaction to Fire | Reaction to fire | A1 | |
| Durability of reaction to fire against heat, weathering, ageing / degradation | Durability Characteristics | NPD {a} | |
| Durability of thermal resistance against heat, weathering, ageing / degradation | Thermal Resistance | NPD{b} | |
| | Thermal conductivity | NPD | |
| | Durability characteristics | NPD {c} | |
| Compressive Strength | Compressive Stress / Compressive Strength | NPD | |
| | Point Load | NPD | |
| Tensile / Flexural strength | Tensile strength perpendicular faces | NPD {d} | |
| Durability of compressive Strength against ageing / degradation | Compressive creep | NPD | |
| Water Permeability | Short term water absorption | NPD | |
| | Long term water absorption | NPD | |
| Water vapour permeability | Water vapour transmission, water vapour diffusion resistance factor | NPD | |
| Impact noise transmissions index (for floors) | Dynamic stiffness | NPD | |
| | Thickness | NPD | |
| | Compressibility | NPD | |
| | Air flow resistivity | NPD | |
| Acoustic absorptions index | Sound absorption | NPD | |
| Direct airborne sound insulation index | Air flow resistivity | NPD | |
| Release of dangerous substances to the indoor environment | Release of dangerous substances | NPD {e} | |
| Continuous glowing combustion | Continuous glowing combustion | NPD {e} | |
| NPD - No performance determined | | | |

| Essential Characteristics | G4207JPCPR | | Harmonised technical standard |
|---|---|-----------------------|-------------------------------|
| | Performance {f} | Stålstenderskiva 37 | |
| Thermal Resistance | Thermal conductivity (W/mK) | λ_D 0,037 | EN 13162:2012 + A1:2015 |
| | Thermal Resistance | See performance chart | |
| | Thickness range (mm) | 45-195 | |
| | Thickness tolerance | T4 | |
| Reaction to Fire | Reaction to fire | A1 | |
| Durability of reaction to fire against heat, weathering, ageing / degradation | Durability Characteristics | NPD {a} | |
| Durability of thermal resistance against heat, weathering, ageing / degradation | Thermal Resistance | NPD{b} | |
| | Thermal conductivity | NPD | |
| | Durability characteristics | NPD {c} | |
| Compressive Strength | Compressive Stress / Compressive Strength | NPD | |
| | Point Load | NPD | |
| Tensile / Flexural strength | Tensile strength perpendicular faces | NPD {d} | |
| Durability of compressive Strength against ageing / degradation | Compressive creep | NPD | |
| Water Permeability | Short term water absorption | NPD | |
| | Long term water absorption | NPD | |
| Water vapour permeability | Water vapour transmission, water vapour diffusion resistance factor | NPD | |
| Impact noise transmissions index (for floors) | Dynamic stiffness | NPD | |
| | Thickness | NPD | |
| | Compressibility | NPD | |
| | Air flow resistivity | NPD | |
| Acoustic absorptions index | Sound absorption | NPD | |
| Direct airborne sound insulation index | Air flow resistivity | NPD | |
| Release of dangerous substances to the indoor environment | Release of dangerous substances | NPD {e} | |
| Continuous glowing combustion | Continuous glowing combustion | NPD {e} | |
| NPD - No performance determined | | | |

| Essential Characteristics | G4207JPCPR | | Harmonised technical standard |
|---|---|-----------------------|-------------------------------|
| | Performance {f} | Träregel 37 | |
| Thermal Resistance | Thermal conductivity (W/mK) | λ_D 0,037 | EN 13162:2012 + A1:2015 |
| | Thermal Resistance | See performance chart | |
| | Thickness range (mm) | 45-195 | |
| | Thickness tolerance | T4 | |
| Reaction to Fire | Reaction to fire | A1 | |
| Durability of reaction to fire against heat, weathering, ageing / degradation | Durability Characteristics | NPD {a} | |
| Durability of thermal resistance against heat, weathering, ageing / degradation | Thermal Resistance | NPD{b} | |
| | Thermal conductivity | NPD | |
| | Durability characteristics | NPD {c} | |
| Compressive Strength | Compressive Stress / Compressive Strength | NPD | |
| | Point Load | NPD | |
| Tensile / Flexural strength | Tensile strength perpendicular faces | NPD {d} | |
| Durability of compressive Strength against ageing / degradation | Compressive creep | NPD | |
| Water Permeability | Short term water absorption | NPD | |
| | Long term water absorption | NPD | |
| Water vapour permeability | Water vapour transmission, water vapour diffusion resistance factor | NPD | |
| Impact noise transmissions index (for floors) | Dynamic stiffness | NPD | |
| | Thickness | NPD | |
| | Compressibility | NPD | |
| | Air flow resistivity | NPD | |
| Acoustic absorptions index | Sound absorption | NPD | |
| Direct airborne sound insulation index | Air flow resistivity | NPD | |
| Release of dangerous substances to the indoor environment | Release of dangerous substances | NPD {e} | |
| Continuous glowing combustion | Continuous glowing combustion | NPD {e} | |
| NPD - No performance determined | | | |

| Essential Characteristics | G4207JPCPR | | Harmonised technical standard |
|---|---|-----------------------|-------------------------------|
| | Performance {f} | Träregelskiva 37 | |
| Thermal Resistance | Thermal conductivity (W/mK) | λ_D 0,037 | EN 13162:2012 + A1:2015 |
| | Thermal Resistance | See performance chart | |
| | Thickness range (mm) | 45-195 | |
| | Thickness tolerance | T4 | |
| Reaction to Fire | Reaction to fire | A1 | |
| Durability of reaction to fire against heat, weathering, ageing / degradation | Durability Characteristics | NPD {a} | |
| Durability of thermal resistance against heat, weathering, ageing / degradation | Thermal Resistance | NPD{b} | |
| | Thermal conductivity | NPD | |
| | Durability characteristics | NPD {c} | |
| Compressive Strength | Compressive Stress / Compressive Strength | NPD | |
| | Point Load | NPD | |
| Tensile / Flexural strength | Tensile strength perpendicular faces | NPD {d} | |
| Durability of compressive Strength against ageing / degradation | Compressive creep | NPD | |
| Water Permeability | Short term water absorption | NPD | |
| | Long term water absorption | NPD | |
| Water vapour permeability | Water vapour transmission, water vapour diffusion resistance factor | NPD | |
| Impact noise transmissions index (for floors) | Dynamic stiffness | NPD | |
| | Thickness | NPD | |
| | Compressibility | NPD | |
| | Air flow resistivity | NPD | |
| Acoustic absorptions index | Sound absorption | NPD | |
| Direct airborne sound insulation index | Air flow resistivity | NPD | |
| Release of dangerous substances to the indoor environment | Release of dangerous substances | NPD {e} | |
| Continuous glowing combustion | Continuous glowing combustion | NPD {e} | |
| NPD - No performance determined | | | |

| Essential Characteristics | G4207JPCPR | | Harmonised technical standard |
|---|---|-----------------------|-------------------------------|
| | Performance {f} | Trestender 37 | |
| Thermal Resistance | Thermal conductivity (W/mK) | λ_D 0,037 | EN 13162:2012 + A1:2015 |
| | Thermal Resistance | See performance chart | |
| | Thickness range (mm) | 45-195 | |
| | Thickness tolerance | T4 | |
| Reaction to Fire | Reaction to fire | A1 | |
| Durability of reaction to fire against heat, weathering, ageing / degradation | Durability Characteristics | NPD {a} | |
| Durability of thermal resistance against heat, weathering, ageing / degradation | Thermal Resistance | NPD{b} | |
| | Thermal conductivity | NPD | |
| | Durability characteristics | NPD {c} | |
| Compressive Strength | Compressive Stress / Compressive Strength | NPD | |
| | Point Load | NPD | |
| Tensile / Flexural strength | Tensile strength perpendicular faces | NPD {d} | |
| Durability of compressive Strength against ageing / degradation | Compressive creep | NPD | |
| Water Permeability | Short term water absorption | NPD | |
| | Long term water absorption | NPD | |
| Water vapour permeability | Water vapour transmission, water vapour diffusion resistance factor | NPD | |
| Impact noise transmissions index (for floors) | Dynamic stiffness | NPD | |
| | Thickness | NPD | |
| | Compressibility | NPD | |
| | Air flow resistivity | NPD | |
| Acoustic absorptions index | Sound absorption | NPD | |
| Direct airborne sound insulation index | Air flow resistivity | NPD | |
| Release of dangerous substances to the indoor environment | Release of dangerous substances | NPD {e} | |
| Continuous glowing combustion | Continuous glowing combustion | NPD {e} | |
| NPD - No performance determined | | | |

| Essential Characteristics | G4207JPCPR | | Harmonised technical standard |
|---|---|-----------------------|-------------------------------|
| | Performance {f} | Trestenderskiva 37 | |
| Thermal Resistance | Thermal conductivity (W/mK) | λ_D 0,037 | EN 13162:2012 + A1:2015 |
| | Thermal Resistance | See performance chart | |
| | Thickness range (mm) | 45-195 | |
| | Thickness tolerance | T4 | |
| Reaction to Fire | Reaction to fire | A1 | |
| Durability of reaction to fire against heat, weathering, ageing / degradation | Durability Characteristics | NPD {a} | |
| Durability of thermal resistance against heat, weathering, ageing / degradation | Thermal Resistance | NPD{b} | |
| | Thermal conductivity | NPD | |
| | Durability characteristics | NPD {c} | |
| Compressive Strength | Compressive Stress / Compressive Strength | NPD | |
| | Point Load | NPD | |
| Tensile / Flexural strength | Tensile strength perpendicular faces | NPD {d} | |
| Durability of compressive Strength against ageing / degradation | Compressive creep | NPD | |
| Water Permeability | Short term water absorption | NPD | |
| | Long term water absorption | NPD | |
| Water vapour permeability | Water vapour transmission, water vapour diffusion resistance factor | NPD | |
| Impact noise transmissions index (for floors) | Dynamic stiffness | NPD | |
| | Thickness | NPD | |
| | Compressibility | NPD | |
| | Air flow resistivity | NPD | |
| Acoustic absorptions index | Sound absorption | NPD | |
| Direct airborne sound insulation index | Air flow resistivity | NPD | |
| Release of dangerous substances to the indoor environment | Release of dangerous substances | NPD {e} | |
| Continuous glowing combustion | Continuous glowing combustion | NPD {e} | |
| NPD - No performance determined | | | |

8. Appropriate Technical Documentation and / or Specific Technical Documentation:

Not applicable

The performance of the product identified above is in conformity with the set of declared performances.

This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

| | | | | | | | | | | | | | | |
|----------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| [mm] | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | 85 | 90 | 95 |
| [m ² K/W] | 0,80 | 0,90 | 1,05 | 1,20 | 1,35 | 1,45 | 1,60 | 1,75 | 1,85 | 2,00 | 2,15 | 2,25 | 2,40 | 2,55 |
| [mm] | 100 | 105 | 110 | 115 | 120 | 125 | 130 | 135 | 140 | 145 | 150 | 155 | 160 | 165 |
| [m ² K/W] | 2,70 | 2,80 | 2,95 | 3,10 | 3,20 | 3,35 | 3,50 | 3,60 | 3,75 | 3,90 | 4,05 | 4,15 | 4,30 | 4,45 |
| [mm] | 170 | 175 | 180 | 185 | 190 | 195 | 200 | 205 | 210 | 215 | 220 | 225 | 230 | 235 |
| [m ² K/W] | 4,55 | 4,70 | 4,85 | 5,00 | 5,10 | 5,25 | 5,40 | 5,50 | 5,65 | 5,80 | 5,90 | 6,05 | 6,20 | 6,35 |
| [mm] | 240 | 245 | 250 | | | | | | | | | | | |
| [m ² K/W] | 6,45 | 6,60 | 6,75 | | | | | | | | | | | |

Signed for an on behalf of the manufacturer by:

James Henderson - Plant manager
(Name and function)



St. Helens - 02-10-24
(Place and date of issue)

{a} No change in reaction to fire properties for MW Products. The fire performance of MW does not deteriorate with time. The Euroclass classification of the product is related to the organic content, which cannot increase with time.

{b} Thermal conductivity of MW products does not change with time, experience has shown the fibre structure to be stable and the porosity contains no other gases than atmospheric air

{c} For dimensional stability thickness only

{d} This characteristic also covers handling and installation

{e} European test methods are under development

{f} Also valid and applicable for multilayers