

1. ORIGEN DEL MATERIAL DE LA LANA MINERAL BLANCA



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Material reciclado, usa hasta u 80% de vidrio reciclado en su elaboración



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Este aislamiento de lana de vidrio se produce en Escocia en Stirling.

El aislamiento insuflado Superwhite 34 y Superwhite 40 lo comercializa Aísla y Ahorra, SL en exclusiva a partir del año 2017 en España y Portugal.



Con ello Aísla y Ahorra amplía la gama de productos De alta calidad ofertados, incluyendo un material de alta gama para el insuflado con el mejor precio de lana mineral.

2. GARANTIAS QUE OFRECE ESTE MATERIAL



**ESTE MATERIAL CUENTA CON UNA GARANTIA
DE 25 AÑOS EN EL REINO UNIDO
ESTE SISTEMA CUENTA CON EL CERTIFICADO BBA
14/5086
EN EL REINO UNIDO LOS INSTALADORES DEBEN
HOMOLOGARSE POR EL BBA**



3. VENTAJAS DEL MATERIAL DE LA LANA MINERAL BLANCA



- Mejor aislante invernal gracias a su Conductividad muy baja $0,034 \text{ W/mK}$
- Buen comportamiento en cavidades gracias a su permeabilidad al vapor
- Sin riesgos porque resistente al agua, imputrescible
- Cumple con la normativa CTE porque no absorbe agua $< 5\%$
- Muy económica gracias a la densidad instalada muy baja 25 kg/m^3
- Seguro al fuego porque es incombustible
- La solución mas económica si se considera el precio por m^2 instalado

3. VENTAJAS DEL MATERIAL DE LA LANA MINERAL BLANCA



- Solo hace falta 1 tipo de Material para todas las cavidades
- No pica en las manos y el cuerpo
- Los sacos solo pesan 16,6 kg
- Ocupa menos espacio por m³ instalado (apenas saco y medio/ m³)
- Menor abrasión
- Tacto agradable, se puede vender bien al cliente final
- Se rompe el monopolio que tiene la competencia, se puede competir en obras prescritas.

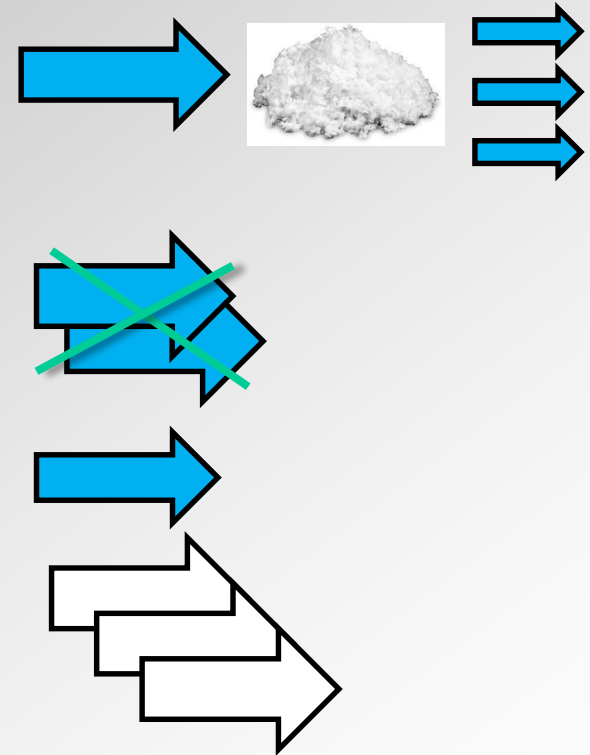
5. PROCEDIMIENTO DE INSUFLADO

EL MATERIAL DEJA PASAR EL
AIRE A TRAVES DE EL:

Consecuencia: POR MUCHA POTENCIA
DE INSUFLADO QUE APLIQUEMOS NO
CONSIGUIREMOS AISLAR MAS LEJOS,
SOLO CONSEGUIREMOS AUMENTAR
LA DENSIDAD

CONSECUENCIA: HAY QUE
MANTENER LA POTENCIA DE
SOPLADO BAJA, INCLUSO EN
CAVIDADES ESTRECHAS

CONSECUENCIA: HAY QUE MANTENER LA
ENTRADA DE MATERIAL LO MAS ALTA
POSIBLE



5. PROCEDIMIENTO DE INSUFLADO:

CALCULO DE LAS DENSIDADES CON LA CAJA: LAS DENSIDADES DE LA CAJA NO COINCIDEN CON LAS DE LA OBRA PARA SUPERGLASS 34:

Densidad en
CAJA aprox 48
kg/m³



Densidad
equivalente
en obra
25 kg/m³

Instalación muy recomendanda:

- Cámaras de ventilación de fachadas
- Edificios Públicos
- Pasillos, Escaleras, Recintos protegidos
- Falsos techos en Soportales
- Cavidades con presencia de tuberías de agua
- Cubiertas o cavidades con riesgo de goteras
- Patinillos

7. HOMOLOGACION REINO UNIDO

Superglass Insulation Ltd

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Kerse Road
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email: technical@superglass.co.uk
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Agrément Certificate
14/5086
Product Sheet 2

SUPERGLASS CAVITY WALL INSULATION

SUPERWHITE 34 CAVITY WALL INSULATION

This Agrément Certificate Product Sheet⁽¹⁾ relates to Superwhite 34 Cavity Wall Insulation, a granulated glass mineral wool fibre material injected in loose form, for use in external masonry walls up to and including 12 metres in height, with nominal cavity widths not less than 90 mm, in new domestic and non-domestic buildings. The product may also be used in buildings over 12 metres in height where a height restriction waiver has been issued by the Certificate holder.

(1) Hereinafter referred to as 'Certificate'.

CERTIFICATION INCLUDES:

- factors relating to compliance with Building Regulations where applicable
- factors relating to additional non-regulatory information where applicable
- independently verified technical specification
- assessment criteria and technical investigations
- design considerations
- installation guidance
- regular surveillance of production
- formal three-yearly review.

KEY FACTORS ASSESSED

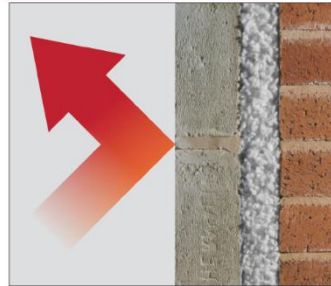
Thermal properties — the product has a declared thermal conductivity (λ_D)* of 0.034 W·m⁻¹·K⁻¹ (see section 6).

Water resistance — the product will resist the transfer of water across the cavity (see section 7).

Condensation — the product will contribute to limiting the risk of condensation (see section 8).

Behaviour in relation to fire — the product is classified as non-combustible (see section 9).

Durability — the product is durable, rot-proof, water resistant and sufficiently stable to remain effective as an insulation for the life of the building (see section 11).



The BBA has awarded this Certificate to the company named above for the product described herein. This product has been assessed by the BBA as being fit for its intended use provided it is installed, used and maintained as set out in this Certificate.

On behalf of the British Board of Agrément

Date of First issue: 27 May 2015

John Alban — Head of Approvals
Construction Products

Claire Curtis-Thomas
Chief Executive

The BBA is a UKAS accredited certification body — Number 113. The schedule of the current scope of accreditation for product certification is available in pdf format via the UKAS link on the BBA website at www.bbacerts.co.uk

Readers are advised to check the validity and latest issue number of this Agrément Certificate by either referring to the BBA website or contacting the BBA direct.

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buildings. The product may also be used in buildings over 12 metres in height where a height restriction waiver has been issued by the Certificate holder.

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CERTIFICATION INCLUDES:

- factors relating to compliance with Building Regulations where applicable
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- independently verified technical specification
- assessment criteria and technical investigations
- design considerations
- installation guidance
- regular surveillance of production
- formal three-yearly review.

KEY FACTORS ASSESSED

Thermal properties — the product has a declared thermal conductivity (λ_D)* of $0.034 \text{ W}\cdot\text{m}^{-1}\cdot\text{K}^{-1}$ (see section 6).

Water resistance — the product will resist the transfer of water across the cavity (see section 7).

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The BBA has awarded this Certificate to the company named above for the product described herein. This product has been assessed by the BBA in relation to its intended use as described in the technical specification.

PROPIEDADES CLAVE

Propiedades Térmicas: Conductividad 0,034 W/mK

Resistencia al agua: Resiste la transferencia de agua a través de la cavidad

Condensación: El producto limita el riesgo de condensación

Fuego: Incombustible

Durabilidad: Producto longevo, a prueba de degradación, resistente al agua y suficientemente estable para mantenerse

efectivo como aislamiento durante la vida del edificio

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