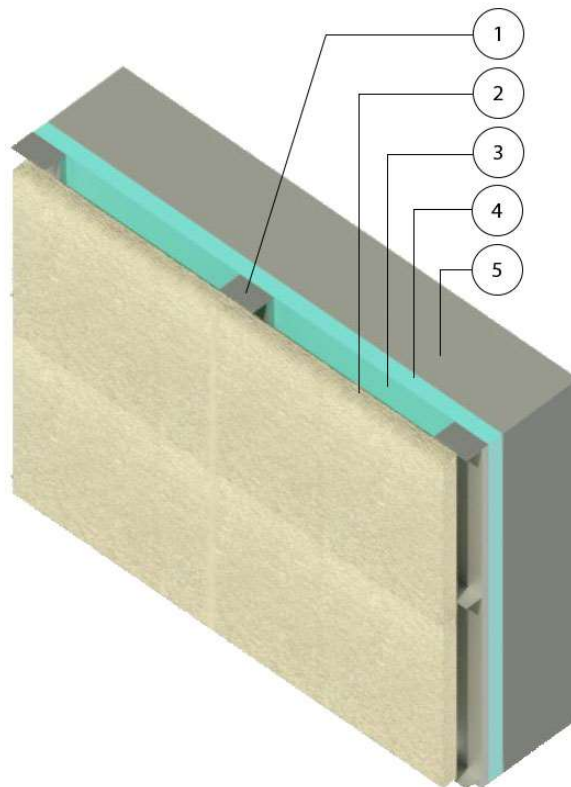


VENTILATED FACADES: CONSTRUCTION DETAIL



LEGEND:

- ① EDGE METAL PROFILE (H/V) WITH BOLT ANCHORS
- ② MASONRY STONE PLATES 4 CM
- ③ AIR CHAMBER 8 CM
- ④ 10CM INSULATION
- ⑤ SUPPORT WALL

VENTILATED FACADES: BENEFITS

BENEFIT	ALBAMIEL VALUE	ABADÍA VALUE
TRANSMITTANCE (U)	0,3001W/m ² K	0,3034W/m ² K
PROPOSED FORMATS* (Calculated from a type facade in city center and half-height building, in Madrid or zone A) *Check options for your project	80x40x4 /4 anchor points	80x40x3 /4 anchor points

DECLARATION OF PERFORMANCE

Nº 0118

1. Identification: **ALBAMIEL NATURAL STONE TILES**
2. Producer's name and address: **ARENISCAS ROSAL S.A.
CTR de Granada Km 73
30400 Caravaca -Murcia-
info@rosalstones.com**
3. Uses: **Interior or exterior finishes on walls or vaults subject to reaction to fire legislation.
Ventilated facades.**
4. Evaluation and verification system of performance constancy: **4**
6. Declared performances:

Essential Features	Performances	Technical harmonized specifications
Reaction to fire	Class A1	EN 14692015
Hazardous substances	Does not contain	
Water vapor permeability	Water vapor diffusion water vapor diffusion (dry) μ: 40 (wet) μ: 25	
Flexural strength	Expected lower value: 2.9 MPa Mean value: 3.6 MPa Standard deviation: 0.4 MPa	
Anchorage resistance	Expected lower value: 406 N Mean value: 600 N Standard deviation: 100 N	
Resistance to thermal shock	Decrease in bending bending strength after 20 cycles 20 cycles: 0.0%.	
Direct airborne sound insulation	R=60DB (30cm)	
Thermal conductivity	0.827 W/mK	
Resistance to c.salts	Mass incr. after 20 cycles - 0.36%	
Durability	Freeze/thaw resistance 168 cycles without	
Radioactivity	I=0.09	
CO2 emissions in production phase	0.87 eq CO2/m4 (4 cm)	

- The identified product performances at point nº 1 is conformed to performances declared at point nº 6.
- This current performance declarations is issued under the responsibility of the producer or manufacturer or wholesaler indicated at point nº 2.
- Signed by and on behalf of the producer:

Nom: Catalina Sánchez Robles
Poste: QUALITY MANAGER

52812155S Firmado
CATALINA digitalmente por
SANCHEZ (R: 52812155S
A30093579) CATALINA SANCHEZ
Fecha: 2023.04.21
15:51:32 +02'00'

DECLARATION OF PERFORMANCE

N° 0118

1. Identification: **ABADÍA NATURAL STONE TILES**
2. Producer's name and address: **ARENISCAS ROSAL S.A.
CTR de Granada Km 73
30400 Caravaca -Murcia-
info@rosalstones.com**
3. Uses: **Masonry : Interior or exterior finishes on walls or vaults to reaction to fire legislation. Ventilated facades**
4. Evaluation and verification system of performance constancy :4
6. Declared performances:

Essential Features	Performances	Technical harmonized specifications
Reaction to fire	Class A1	EN 14692015
Hazardous substances	Does not contain	
Water vapor permeability	Water vapor diffusion (dry) u: 200 (wet) u: 150	
Flexural strength	Expected lower value : 10.9 Mpa Mean value : 14.1 Mpa Standard deviation : 1.6 Mpa	
Anchorage resistance	Expected lower value : 2138N Mean value : 2450N Standard deviation : 150N	
Resistance to thermal shock	Decrease of flexural strength after 20 cycles 0.0% Mean value of change in dynamic elastic modulus -1.0%	
Thermal conductivity	1.7 W/mk	
Freeze-Durability	168 cycles without breaking	
Bulk density	2700 kg/m³	
CO2 Emissions in production phase	6.55 kg eq CO2/m2	

- The identified product performances at point n° 1 is conformed to performances declared at point n° 6.
- This current performance declarations is issued under the responsibility of the producer or manufacturer or wholesaler indicated at point n° 2.
- Signed by and on behalf of the producer:

Nom: Catalina Sánchez Robles
Poste: QUALITY MANAGER

528121555
CATALINA
SANCHEZ
(R:
A30093579)

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A30093579)
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**FICHE DE DÉCLARATION
ENVIRONNEMENTALE ET SANITAIRE DU
PRODUIT**

*ENVIRONMENTAL AND HEALTH PRODUCT
DECLARATION*

**Bardages en pierre naturelle ALBAMIEL
D'épaisseur de 2 à 15 cm**

**En conformité avec la norme NF EN 14025, la norme NF EN 15804+A1 et
son complément national NF EN 15804/CN**

N° d'enregistrement : 9-518:2020

**DECLARACIÓN MEDIOAMBIENTAL Y
SANITARIA DE PRODUCTO
Albamiel de 2 a 15 cm**

Lea el informe completo aquí / Read the full report here

Lisez le rapport complet ici:

Albamiel <https://www.base-inies.fr/iniesV4/dist/consultation.html?id=33534>

Abadía (2 cm) <https://www.base-inies.fr/iniesV4/dist/consultation.html?id=29536>