

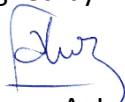
	<p align="center">CERTIFICATE OF PRODUCT BY MANUFACTURER</p>	<p align="center">Come into effect from : 22/05/2019</p>
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Gres de Aragón S.A.

Declares that:

Product **33x33 Aneto** has been tested following the standards indicated in the table below, and the results have been as follows:

Signed by:



Marco A. Lahoz

General Manager Gres de Aragón S.A



Name and address of laboratories that has been tested.

ITC (Instituto de Tecnología Cerámica) Campus Universitario Riu Sec 12006 CASTELLON (ESPAÑA)

ICT (Instituto Científico y Tecnológico) Universidad de Navarra Ctra. Del Sadar, s/n 31080 PAMPLONA (NAVARRA) (ESPAÑA)

Laboratorio Cerámico "Sebastián Carpi" Avenida del Mar, nº46 12003 CASTELLÓN (ESPAÑA)

TEST	Standard test	Standard Required values EN 14411	Gres de Aragon Result
Resistance to chemicals Klinker natural	UNE-EN-ISO 10545-13	Minimum GB	HB/HA
Modulus of rupture klinker 33x33	UNE-EN-ISO 10545-4	> =13 N/mm2	> =18 N/mm2
Breaking strength klinker 33x33	UNE-EN-ISO 10545-4	> = 800 N	> = 2100 N
Resistance to deep abrasion Klinker natural	UNE-EN-ISO 10545-6	Max. 393 mm3	313 mm3
Linear thermal expansion Klinker	UNE-EN-ISO 10545-8	Not required	3,7 x 10 -6
Resistance to thermal shock klinker	UNE-EN-ISO 10545-9	Required	Resists
Barefoot slip resistance Klinker natural	DIN 51097	Not required	C
Resistance to stains Klinker natural	UNE-EN-ISO 10545-14	Minimum Class 3	Class 3

