

Why a ceramic ventilated façade?

Maintenance and durability:

CERAMICS IS A **"MANUFACTURED STONE AT 1200°C"**.

- **No Porosity:** Mechanical resistance.
- **Hygienic, easy to clean:** Low maintenance needed. **ANTIGRAFITTI**
- **UV resistant.** Keeps the initial appearance: **NO CHANGES IN TIME**
- **Changing climate conditions resistant: FROST RESISTANT**
- **Chemical resistant to acids: POLLUTION RESISTANT**



Strengths of ceramics products

		PORCE LAIN CERAMICS	MARBLE	LIMESTONE	GRANITE	WOOD	HPL- PLASTIC	ALUMINUM	CONCRETE
Dimensional stability	EN ISO 10545-2	HIGH	HIGH	HIGH	HIGH	HIGH	HIGH	MEDIUM	MEDIUM
Flexion resistance	EN ISO 10545-4	HIGH	HIGH	HIGH	HIGH	HIGH	HIGH	LOW	HIGH
Frost resistance	EN ISO 10545-12	HIGH	HIGH	HIGH	HIGH	HIGH	HIGH	HIGH	LOW
Resistance to Filtration	BS 4131	HIGH	MEDIUM	MEDIUM	MEDIUM	MEDIUM	MEDIUM	HIGH	LOW
Surface/weight relation		MEDIUM	LOW	LOW	LOW	MEDIUM	MEDIUM	HIGH	LOW
Resistance to humidity expansion	EN ISO 10545-3	HIGH	HIGH	HIGH	LOW	LOW	LOW	MEDIUM	MEDIUM
Resistance to thermal dilatation	EN ISO 10545-2	HIGH	LOW	HIGH	HIGH	LOW	LOW	LOW	MEDIUM
Resistance to stains	EN ISO 10545-2	HIGH	LOW	HIGH	LOW	HIGH	HIGH	MEDIUM	LOW
Resistance to salt corrosion	ISO 9227	HIGH	LOW	HIGH	HIGH	HIGH	HIGH	HIGH	LOW
SO ₂ atmosphere resistance	EN ISO 6988	HIGH	LOW	LOW	MEDIUM	MEDIUM	HIGH	HIGH	LOW
Resistance to solar aging	EN ISO 11341 (M2, C-A)	HIGH	LOW	LOW	MEDIUM	LOW	MEDIUM	MEDIUM	MEDIUM