VENTILATED FACADE

Formula to calculate
CO2 emissions of your project in albamiel stone

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CO2 emissions

$$M2*(8.24 + (kmc*0,014) + (kmb*0,002))$$

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kg of CO2 absorbed per the arboreal community proposed

5.160

And our proposal to compensate them

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ZERO EMISSION

Tree communities to be planted to ensure that your **ALBAMIEL** building is **0 carbon**

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m2 are the square meters of stone you need for your façade

8.2437 Kg of CO2 emitted = (2.4 production + 2.29 placement + 0.0037 maintenance + 3.55 deconstruction) per m2*

kmc are the Km by road from the production site to the site (each m2 of simple brick wall emits 0.014 Kg of CO2 per km traveled on the road*)

kmb are the Km by boat from the production site to the site (Each m2 of simple brick wall emits 0.002 Kg of CO2 per km traveled by boat**)

The proposed Mediterranean tree community

*kg C02 absorbed****

		kg C02 absorbed***
1 Aleppo pine	>	1.800
1 Stone pine	>	1.845
1 Holm oak	>	1.875

The calculated CO2 emissions include **extraction** and **processing, placement,** its **maintenance for 100 years** (estimated life of the house), **and its future deconstruction** including **transport** within 50 km, either to be reused in a new one or to be returned to the earth.

ROSAL STONES
Mediterranean at home