



Host Organization







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<u>Development of an innovative insulation fire resistant façade from the Construction and Demolition Waste</u>

cal Properties	Thermal stabil
chemical reaction source sors) + alkaline solution f polymeric chains that provide:	<u>Compressive Str</u>
er Strength. viromental Impact. ced using a wide variety ste materials.	2000 1800 1600 1400 1200 800
	 bensity of foamed geopolyr agent. Decreasing the density of strength, since the decreasing the porosity, which volume, that affects the coherent of the decreasing the porosity.
	 There's an upper limit for increase of porosity leads to the foamed matrix of the matrix Foamed geopolymers with thermal conductivity.
Trpose of WP7 - D7.6 Stration date: 03/2023	 From the figure it's possible lower than 600 Kg/m³



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mers decreases with the increase of foaming

the materials decreases their compressive asing of the density of the material involves ich leads to the decrease of the mass per unit lesion.

porosity increase for foamed geopolymers, to formation of huge pore sizes, which destroy aterial

- low density, are expected to have good
- to develop geopolymer foams with densities



Διαρθρωτικά Ταμεία της Ευρωπαϊκής Ένωσης στην Κύπρο

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