

- low thermal resistance.
- [17] UNI EN 1015-10:2007 Metodi di prova per malte per opere murarie - Parte 10: Determinazione della massa volumica apparente della malta indurita essiccata
- [18] UNI EN 1015-18:2004 Metodi di prova per malte per opere murarie - Determinazione del coefficiente di assorbimento d'acqua per capillarità della malta indurita.
- [19] Candamano S, Luca PD, Frontera P, Crea F. (2017). Production of geopolymeric mortars containing forest biomass ash as partial replacement of metakaolin. *Environments* 4(74): 1-13. <https://doi.org/10.3390/environments4040074>

NOMENCLATURE

N	calibration factor, dimensionless
V	potential difference, volt
d	thickness of the specimen, mm
q	heat flux, W

f	flexural strength, N.mm ⁻²
C	capillarity water absorption coefficient, kg.m ⁻² .min ^{-0.5})
t	time, min
M	weight, kg
A	water absorbed by the area unit from the moment it is immersed in water, mg.mm ⁻²
	material sorptivity, mg.mm ⁻² .min ^{-0.5}
S	water initially absorbed by the pores in contact with water, mg.mm ⁻²
a ₀	

Greek symbols

λ	thermal conductivity, W.m ⁻¹ . K ⁻¹
ΔT	temperature difference between the two faces of the test, K
Φ	heat flux, W
σ	compressive tension, MPa