www.europomice.com info@europomice.it

Lightweight aggregates
UNI EN 13055-1

CERAMIC FLUX T

COMPOSITION: NATURALLY EXPANDED ALVEOLAR MAGMATIC CELL MINERAL.
Ceramic Flux T is a naturally expanded alveolar magmatic cell mineral coming from the mining activities of northern Lazio, particularly suitable for glazed porcelain stoneware bodies due to its high fusibility. The material as it is reproduced in a typical ceramic cycle allows to obtain a shrinkage between 8 and 10% and an absorption equal to 0%.

The materials used are of natural origin and therefore they constitute a natural resource recovered without additional energy consumption and emissions of combustion gases into the atmosphere.

APPLICATION FIELDS	
LIGHTWEIGHT SCREEDS	LIGHTWEIGHT PUMPABLE CONCRETE
THERMO INSULATING AND SOUNDPROOFING SCREEDS	THERMO/SOUND INSULATING BLOCKS
SOUND-ABSORBING BARRIERS	LIGHTWEIGHT PANELS
SUBSTRATE INSULATION	CERAMICS MIXTURES
ROAD EMBANKMENTS	LIGHTWEIGHT FILLINGS
FLUES AND CHIMNEY	ABSORBENT FOR LIQUIDS
INSULATING LAYERS	

PHYSICAL AND CHEMICAL PROPERTIES:

Transpiration
Excellent workability
Fire-resistant
Durability

Ceramics features

High level of meltability
Perfect for mixtures from ceramic tiles (glazed porcelain stoneware)

Product containing no Free Crystalline Silica or Carbonates.

MEDIUM CHEMICAL ANALYSIS of representative samples of the front quarry	
SiO_2	60,2 %
Al_2O_3	18,3 %
K_2O	7,66 %
Fe_2O_3	3,58 %
CaO	2,40 %
Na_2O	3,10 %
TiO_2	0,42 %
MgO	0,83 %
P.F.	3,28 %
C	0,03 %
S	0,02 %

AVAILABLE TYPES	Grain size	APPARENT DENSITY At quarry humidity
SAND	0 - 4 mm *5- US Mesh*	900 - 1100 Kg/m^3 *56.19 - 68.57 lb/ft^3*

AVAILABLE BULK, IN BIG-BAGS AND IN BAGS OF 33 L *(7.26 gal)* PACKED ON PALLETS