Lightweight aggregates
UNI EN 13055-1

CERAMIC FLUX T

COMPOSITION: NATURALLY EXPANDED ALVEOLAR MAGMATIC CELL MINERAL
In essence it is a **mixture of volcanic inerts** coming from the extraction 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%.

ECO-COMPATIBILITY: The materials used are both of natural origin and from third-party processing, 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	GREEN BUILDING

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)

Eco-compatibility

NON-TOXIC PRODUCT (Silica free)

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/m³ *56.19 - 68.57 lb/ft³*

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