

CHARACTERISTICS

References products :

- Bag of 100L 3ABS000905
- Small cushion 3ABS000913
- Medium format cushion 3ABS000912
- Grand format cushion 3ABS000911

- The vermiculite is a lamellar mineral mined in the ground in different parts of the world.
- In contact with the flame, the water molecules contained in the vermiculite spangles are expanded, bringing a considerable augmentation of its volume and an important decrease of the density.
- The product obtained has an excellent physico-chemical allowing to use it as is. Furthermore, it has a good absorbent power (till 500% of it is weight), properties of shock absorption recognized and is inert to all chemical products.
- The vermiculite is recognised without asbestos. It is non combustible, odourless, non abrasive, non aggressive and non pollutant.

CUSHION

- Very significant reduction the dust residues and its impact on the conditioned products and on the personal in contact.
- Significant reduction of times and costs of conditioning (Decrease of time of conditioning and decrease of the quantities used).
- Rationalisation of the quantities of the vermiculite used per box.
- Bags are reusable, limiting the carbon footprint of the company.
- The overall absorption power is optimized by the combination of vermiculite with Thermo adhesive hydrophilic paper,
- Personalized printinf of the product according to quantitative constraints.

Palletization n°1 and 2 (bag) :	
Volume of a bag	100L
Weight of a bag	12 Kg
Number of bags per pallet	36 ou 33
Pallet weight	445 Kg / 409 Kg
Pallet height	2m20 / 2m
Pallet dimensions	140 x 110 cm

Medium cushion palletizing	
Cushion size	225x280 mm
Cushion weight	120 g
Number of cushions per box	90
Number of boxes per pallet	20
Pallet weight	260 Kg
Pallet height	2m20
Pallet dimensions	120 x 100 cm

Palletizing small cushion:	
Cushion size	225x140 mm
Cushion weight	40 g
Number of cushions per box	260
Number of boxes per pallet	20
Pallet weight	240 Kg
Pallet height	2m20
Pallet dimensions	120 x 100 cm

Big cushion palletizing	
Cushion size	225x360 mm
Cushion weight	160 g
Number of cushions per box	70
Number of boxes per pallet	20
Pallet weight	265 Kg
Pallet height	2m20
Pallet dimensions	120 x 100 cm



Chemical composition (%)

Density	65-160 Kg/m3
Grain size	1 mm
Lamda	0.062-0.065 W/m.k
PH	5.5-6.5
Melting point	1350° C
Solubility	Insoluble in water and organic solvents
Fire behaviour	Incombustible

SiO ₂	38-46
TiO ₂	1-3
Al ₂ O ₃	10-16
Fe ₂ O ₃	5-13
MgO	16-35
CaO	1-5
K ₂ O	1-6
H ₂ O	3-16

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