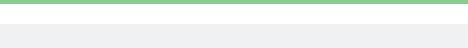


POLITERM® WALL R

SUPERLIGHT THERMAL INSULATING AGGREGATES FOR DRY BLOWING INTO CAVITY WALLS

POLITERM® WALL R
Superlight thermal insulating aggregates for dry blowing into cavity walls

COMPOSITION	POLITERM® WALL R Regranulated eps beads with MPS, specific for dry blowing into cavity walls and surrounding voids, controlled density and grain-size [Ø 3 - 6 mm], non-toxic, non-absorbent, rotproof, dust free, dimensionally stable over time, with no nutritional values for the growth of fungi and bacteria. The production is completely free of chlorofluorocarbons. **also available in the version** WALL FIX R (harden into cavity walls). Using a specific equipment, the thermal insulating aggregates Politerm® Wall R, are sprayed with the specific additive (yield approx. 2 kg/m³) into the partition wall. Thanks to this solution the insulating beads, after to be blown, avoid the coming out in case of future interventions on the walls (duct, perforation, etc.).	
PACKAGING AND STORAGE	Bag of 500 L. Do not store for long time under direct sunlight.	
APPLICATION FIELDS	Thermal insulation, filling of cavity walls and close spaces. Energy efficiency works on existing buildings, where any other type of thermal insulation work is possible. It can be realized also on single houses or flats.	
CONSUMPTION / YIELD	To fill a volume of 1 m³, 2 bags of Politerm® Wall R are necessary. (Politerm® Wall Fix R: + 2 kg/m³ of hardening additive).	
PREPARATION For Blowing	Before starting to blow Politerm® Wall R, you have to prepare suitable openings on the walls (holes of Ø 4 - 5 cm) for the introduction of the product and the extraction of the air that is in the cavity wall. • Extensions up to 4 m: n° 3 openings. The openings must be done in the two corners and at the centre of the wall, in the highest position to guarantee the complete filling of the volume. • Extensions over 4 m: at least one opening for every 2 m. Through the openings it would also be possible to check the maximum level of filling.	
BLOWING	Use the specific equipment Politerm® Wall Blow* (suction / pumping gun) connected to a suitable compressor. It takes Politerm® Wall R directly from the bag and blow it into the cavity wall (approx. yield 1 m³ in 7 - 9 minutes, according to the building site conditions). The use of Politerm® Wall Blow equipment allows the blowing directly from the bag, avoiding the beads release in the environment. WALL FIX R VERSION: it is required a further equipment called Politerm® Wall Blow Fix to spray the hardening additive. This equipment will be connected to the same compressor used for the Politerm® Wall R. * Consult "Edilteco's Equipment catalogue".	
TECHNICAL Characteristics	Content of regranulated eps:	10%
	Specific weight of the introduced product Politerm® Wall R:	8 - 12 kg/m³
	Specific weight of the introduced product Politerm® Wall Fix R:	10 - 14 kg/m³
	Thermal conductivity $\lambda_{\mbox{\tiny 0}}$:	0,043 W/mK





SPECIFIC EQUIPMENT

BLOWING EQUIPMENT

Politerm® Wall R

Composed of:

- Pumping gun Politerm® Wall Blow (rental).
 Compressor min. capacity 3 bar (not supplied).

- **POLITERM® WALL BLOW** Ø external pipe: 38 mm
- · Ø internal pipe: 25 mm



BLOWING AND SPRAYING EQUIPMENT FOR HARDENING ADDITIVE

Politerm® Wall Fix R

Composed of:

- · Pumping gun Politerm® Wall Blow (rental).
- Tank consolidator Politerm® Wall Blow Fix (rental).
 Compressor minimum capacity 500 L/min. (not supplied).



