



## 21. ROOFS

### Roof F - flex renovation

Ecologic complete system for thermo-acoustic insulation of false ceilings in flexible wood fiber panels with low thermal conductivity

Complete system of natural insulation for high performance concrete roofs, Roof flex F is designed to obtain maximum comfort in renovating existing structures with non-breathable sheaths on the outside.

STRATIGRAPHY	DESCRIPTION	QUANTITY m <sup>2</sup>	PRICE €/m <sup>2</sup>	AMOUNT	
1	Roof tiles	Roof tiles			
2	Bituminous sheath	elastoplastomeric compound waterproofing membrane (BPP), characterized by a cold exibility of -5°C/-10°C/-15°C, reinforced polyester reinforced. The product has a good mechanical strength, considerable dimensional stability and is not sensitive to seasonal climatic variations.			
3	Existing roof	Existing roof usually in joints and hollow bricks with thickness of 200 + 40 mm			
4	Hangers	Anti-fire carrier with slots for the pendulum and snap-on coupling + adjustable metal spring			
5	Empty space	Empty space of variable thickness (depending on the needs) for the passage of the installations			
6	Wood fiber panels Fibertherm Flex 50 or Flex 60 variable thickness	Thermal-acoustic insulation in flexible wood fiber. FiberTherm Flex 50 and/or Flex 60 panels arranged on a supporting structure of the double or single-sided counter and with joined joints. The material is characterized by the following thermodynamic characteristics: density approx. 50 ÷ 60 kg/m <sup>3</sup> , coefficient of thermal conductivity λ=0,036 ÷ 0,038 W/mK, coefficient of resistance to vapor penetration μ=1-2, specific heat c=2100 J/Kg K, and reaction to fire class E, according to EN 13501-1 standard, CE certified and Natureplus branded. The dimensions are ... mm for a thickness of ... mm. The wood used in the processing of the panels comes from forests controlled by FSC reforestation cycles.		0	
7	Double non-overlapping metal frame	Main supporting profile in galvanized steel, coated with anti-corrosion pre-painted aluminum foil, suitably hung by a rigid galvanized steel rod and adjustable metal spring, so as to obtain perfect flatness and alignment of the suspended ceiling system			
8	False ceiling	False ceiling in plasterboard panels or similar			
		TAX IVA 22%	0	TAXABLE	0
				TOTAL AMOUNT	0