

# Technical sheet

## 500 KG FORMULA

### Level adjustment



#### Characteristics :

Minimum thickness	10
Kg per square meter	50
Dry density Kg/m <sup>3</sup>	500
Thermal conductivity W/m.K	0.112
Compression strenght Mpa	1.7
Tensile strenght Mpa	0.8

#### ■ Applications :

- Slab
- Level adjustment
- Filling between joists



#### ■ Properties :

- Aggregate for lightweight insulating layer.
- Allows important adjustments
- Thermal & acoustic insulation
- Directly screwable

Agresta uses monitoring tools to measure the efficiency of its products. Every day several samples are selected and analyzed in order to ensure a homogeneous quality of the production. Each step of the production is managed by an experimented team.

#### □ General precautions before pouring

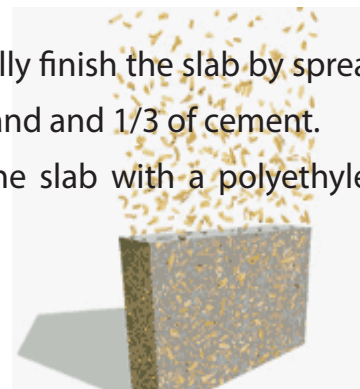
- Do not pour the below 5°C.
- Put a polyethylene film with sufficient covering
- Take precautions to avoid perforating the film.
- Install control joints, expansion and contraction joints,... especially in large areas and in narrowing surfaces (doors, hallways, level differences)
- Install level references

#### □ General precautions after pouring

- During the hardening, do not work on the slab
- Protect the structure from solar radiations, airstreams and rain.
- 24 to 48 hours after the pouring, install contraction joints if they were not installed before.

#### □ Implementation

- 1 Respect the order of introduction of these elements in the concrete mixer :  
water ► cement ► sand ► agres fibres ► agreslith-c
- 2 Wait for the mix to be homogeneous and progressively add fibers and wood.
- 3 Mix for 2-3 minutes until the aggregate is uniformly covered with cement.
- 4 Spread the concrete. Set the lattice tiling to half height of the slab or use polypropylene fiber.
- 5 Compact lightly and level the surface with a rule
- 6 Eventually finish the slab by spreading a mix of 2/3 of sand and 1/3 of cement.
- 7 Cover the slab with a polyethylene film for 5 days.



MIXTURE	WATER	CEMENT	AGRES FIBRES	AGRESLITH-C
1 m <sup>3</sup> of concrete	150 à 180 L	300 Kg	1 Kg	1000 L
125 l Concrete mixer	17,5 à 21 L	35 Kg	100 Gr	Or 116 L 2,5 bags