Technical sheet
800 KG FORMULA
STANDARD

AGRESLITH® C
MINERALIZED WOOD AGGREGATE

Applications :
- Concrete masonry, slab

Properties :
- Aggregate for lightweight insulating concrete.
- Excellent value for money
- Thermic and phonic insulation

Characteristics :

Minimum thickness	6
Weight per square meter Kg	48
Dry density Kg/m3	800
Thermal conductivity W/m.K	0.21
Compression strenght Mpa	1.3
Tensile strenght Mpa	2.6

General precautions before pouring
- 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.

Packaging
- 52.5 liters bags
- Maxi-bag of 500 Liters
- Bulk

Implementation
1. Respect the order of introduction of these elements in the concrete mixer :

water ▶ cement ▶ sand ▶ agres fibres ▶ agreslith-c

2. Do not use a screed pump. The mix can be carried on a conveyor or a wheelbarrow.
3. Wait for the mix to be homogeneous and progressively add fibers and wood.
4. Mix for 2-3 minutes until the aggregate is uniformly covered with cement.
5. Spread the concrete. Set the lattice tiling to half height of the slab or use polypropylene fiber.
6. Cover the slab with a polyethylene film for 5 days.

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.

Mixture	WATER	CEMENT	SAND 0/4	AGRESFIBRES	AGRESLITH-C
1m3 of concrete	150 à180 L	300 Kg	210 L	1 Kg	900 L
Cement mixer 125L	17.5 à 21 L	35 Kg	24.5 L	100 gr	105 L ou 2 bags

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