

## TECHNICAL FEATURES AND PERFORMANCES OF COLD BITUMINOUS OF COLD BITUMINOUS CONGLOMERATE

Cold bituminous conglomerate for paving is made of grits and additives mixed with bitumen with high penetration and high polymer/elastomeric modification, subject to an oxidation process, adding structural fibers. The inerts (around 10%) should have a loss of weight Los Angeles around 19.

The above conglomerate, supplied in box of 20 kg/each, can be immediately used or can be stocked and used after for cold paving. It is necessary that the stocked material maintains its performances for, at least, 6 months.

The percentage of bitumen should be around 5% and 7% than the dry aggregate weight. The inert grain size should be studied in order to get an easily workable mix, even after a long period of stocking. In the same time, after the application the material have to show a compact surface without any release of grit and inert on the road or on the tyres. The conglomerate should have excellent performances of paving without the use of any additional product also when water is present in the hole and without requiring a compaction with mechanical means.

The granulometric curve should be inside the zone below:

### GRANULOMETRIC CURVE

	mm	% PASSING
SIEVE	12,5	100
SIEVE	8	(95-100)
SIEVE	4	(60-80)
SIEVE	2	(25-45)
SIEVE	0,5	(8-15)
SIEVE	0,25	(5-10)
SIEVE	0,0063	(4-7)