

ASFALTIVAL SPECIAL

Cold bituminous conglomerate

PRODUCT DESCRIPTION

ASFALTIVAL SPECIAL is a bituminous conglomerate workable at ambient temperature. **ASFALTIVAL SPECIAL** is a selected aggregates mixture (sands, granules of siliceous nature). The binder is made of bitumen, eco-friendly vegetable oils, plasticisers and additives which keep the mixture easily workable for a long period (at least six months) from packaging. **ASFALTIVAL SPECIAL** is a product available in two formats: 0/10 mm and 0/5 mm so to satisfy the different application needs. It has only one summery and wintry formulation. The behaviour of **ASFALTIVAL SPECIAL** is progressive over time, different from “hot” (150°C) workable bituminous conglomerates and from concrete conglomerates.

APPLICATION AREA

ASFALTIVAL SPECIAL is destined mainly, but not exclusively, to the maintenance of **road paving**, holes filling, renovation of small surfaces, closure of excavations for the laying of pipelines, small patches and cracks sealing. **ASFALTIVAL SPECIAL** can be quickly and easily applied, it removes the danger due to the road paving asymmetry so to guarantee the users safety. **ASFALTIVAL SPECIAL** is resistant over time to the strain of vehicular traffic of main and secondary roads, urban and extra-urban.

Moreover, **ASFALTIVAL SPECIAL**, with proper care, has an application area on paving different from roads, commercial and service areas paved with asphalt or concrete, private areas, driveways and rural areas.

TECHNICAL CHARACTERISTICS

Granulometry analysis (UNI EN 12697-2)

UNI EN SIEVES	WIDTH MM	ASFALTIVAL SPECIAL 0/10		ASFALTIVAL SPECIAL 0/5	
Sieve 8	8	100	100	100	100
Sieve 6,3	6,3	90	100	100	100
Sieve 4	4	40	70	50	100
Sieve 2	2	15	35	20	40
Sieve 0,5	0,5	2	15	2	20
Sieve 0,25	0,25	2	10	2	12
Sieve 0,063	0,063	2	5	2	6

CHARACTERISTICS	TEST METHOD	M.U.	ASFALTIVAL SPECIAL 0/10	ASFALTIVAL SPECIAL 0/5
Binder on aggregates weight	UNI EN 12697-1	%	> 5,5	> 5,5
Compacted medium volume weight (Marshall 75+75 knocks)	UNI EN 12697-6	Kg/dm ³	> 2,10	> 2,10
Empty remains Marshall	UNI EN 12697-8	%	< 10	< 10

NB. The characteristics stated in the present specification are guaranteed and can be detected on product homogeneous samples, taken in cross-examination as for the current EN regulation, especially the UNI EN 12697-27.

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PRODUCT APPLICATION

Of practical use and immediately ready to use, it is necessary to clean the application area, then lay the conglomerate. The product does not need any priming layer not even on damp and wet areas, although its possible presence will improve the final result. ASFALTIVAL SPECIAL 0/10 requires minimum intervention thickness of at least 2,5 cm. (1,5 cm. for ASFALTIVAL SPECIAL 0/5). Make sure that the patch does not exceed the 5-6 cm, otherwise apply subsequent well pressed layers, carrying out the pressing with suitable machineries. The final hardening takes place by pressure. In case of application in low traffic areas, press very well by straightening roll, vibrating plate, pestle. In this case it is advisable to apply on the surface a thin layer of not dusty sand. Once the job is finished, the road can be opened immediately to traffic.

PACKAGING

It is available in the following packaging:

- 25 kg bags (one pallet = 60 bags)
- 20 kg bags (one pallet = 75 bags)
- loose.

LOGISTIC AND SERVICES

ASFALTIVAL SPECIAL is a material mainly intended to eliminate danger to guarantee the road traffic safety. It is always available by our factories and stores located over the national territory. Also, **ASFALTIVAL SPECIAL** is assisted by a logistic service (just in time), by trucks equipped with automatic board or unloading crate in safety conditions, all over the national territory.

STORAGE

Keep the bags sealed very well, if possible sheltered from atmospheric agents, **without overlapping the pallets**. A good handling of the packaging and the pallets allow the product to remain workable for a minimum duration of six months from packing date.

WARNINGS

The cold bituminous conglomerates, thanks to a particular kind of identifying binder, are sensible to temperature changes. That influences their workability therefore it is not advisable the application of **ASFALTIVAL SPECIAL** with temperatures higher than 35°C and lower than 0°C opening the bag and possibly airing the material for few minutes when, due to low temperature, it turns out to be temporarily hard.

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