



# ASPHALTKRON

## Cold bituminous conglomerate

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### **PRODUCT DESCRIPTION**

**ASPHALTKRON** is a bituminous conglomerate workable at ambient temperature. **ASPHALTKRON** 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. **ASPHALTKRON** 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 **ASPHALTKRON** is progressive over time, different from "hot" (150°C) workable bituminous conglomerates and from concrete conglomerates.

### **APPLICATION AREA**

**ASPHALTKRON** 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. **ASPHALTKRON** can be quickly and easily applied, it removes the danger due to the road paving asymmetry so to guarantee the users safety. **ASPHALTKRON** is resistant over time to the strain of vehicular traffic of main and secondary roads, urban and extra-urban. Moreover, **ASPHALTKRON**, 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	ASPHALTKRON		ASPHALTKRON	
		0/10	0/5	0/10	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.	ASPHALTKRON	ASPHALTKRON
			0/10	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 <sup>3</sup>	> 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.

## 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. ASPHALTKRON 0/10 requires minimum intervention thickness of at least 2,5 cm. (1,5 cm. for ASPHALTKRON 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 = 40 bags)
- 20 kg bags (one pallet = 50 bags)
- loose

## ***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 **ASPHALTKRON** 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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