

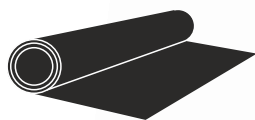
# KaltAsphalt<sup>plus</sup>

STRUCTURED COLD BITUMINOUS  
CONGLOMERATE  
WITH RESOLVING SBS



IT IS IMMEDIATELY  
ACTIVATED BY COMPRESSING

with the vehicle passage



HIGHLY MODIFIED  
BINDER WITH SBS

from bituminous membranes



ECOLOGICAL  
ADDITIVES



BASALTIC AND  
PORPHYRY AGGREGATES



MILLED ROAD



RESISTANT  
IN SITU



12/36 MONTHS

HIGH  
MACHINABILITY



NOT DIRTY  
ODOURLESS



FROST  
RESISTANT



-30°C

RESISTANT  
TO HIGH  
TEMPERATURES



+80°C

ECO-FRIENDLY

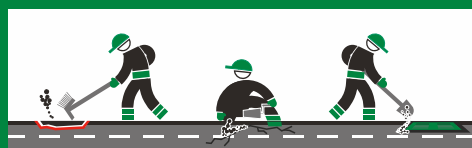


60%



TRENTINO  
SÜDTIROL

SUITABLE FOR ANY  
DEFORMATION  
OF THE ROAD SURFACE



## EVOLUTION OVER TIME

### LOW COST SHORT DURATION

Temporary  
cold bituminous  
conglomerate/plastic  
also with fibres



"THE PAST"

### HIGHER COST LONG LASTING

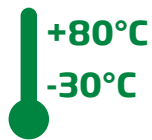
Permanent structured  
cold bituminous mix



"THE PRESENT"

## WHY KALTASPHALT PLUS ?

### WITHSTANDS TEMPERATURE FLUCTUATIONS



### PERMANENTLY



12/36 MONTHS

### FEWER INTERVENTIONS



### LESS LABOUR



### URBAN PLASTIC DISPOSABLE BAG



### DOESN'T STICK TO YOUR TYRES



### DOES NOT FEAR WATER AND SALT



### ODOURLESS



## PRODUCED AND MARKETED DIRECTLY

**Beton Asfalti** has chosen to have a direct relationship with customers as its business policy, so that it not only manufactures and packages products at its plant in Cis in the province of Trento, but also distributes the product directly without relying on sales agents and relying exclusively on a sales network formed by professional technicians that are always available to provide advice and technical demonstrations.

# 1

CLASSIC HOLES  
ALSO WITH WATER

You can use KaltAsphalt Plus in the presence of water by pouring the product into the pit without any prior cleaning.



# 2

REPAIR OF  
SIDEWALK AND  
BICYCLE PATHS

By compacting the KaltAsphalt Plus with a vibratory plate, you can easily repair pavement damage.



# 3

RESTORATION  
OF UNDERGROUND  
EXCAVATIONS

Thanks to the mechanical performance of KaltAsphalt Plus, you can close the construction site and reopen traffic in a very short time, without being tied to the production and transport times of the hot bituminous mix.



# 4

WHEEL-RUTS

Repairing various structural flaws of the road surface (so-called wheel-ruts) will no longer be a problem thanks to the remarkable elastic characteristics of KaltAsphalt Plus with SBS.



# 5

MANHOLE COVERS

Thanks to its versatility, KaltAsphalt Plus has no problems adhering to different materials.



# 6

CROCODILE-SKIN  
COBWEBS

Thanks to its particle size, KaltAsphalt Plus is also suitable for minimum thicknesses, reaching its maximum effectiveness with the sole compaction of vehicular traffic.



## RECYCLABILITY



Thanks to its intrinsic structure, KaltAsphalt Plus can be covered with new hot bitumen-mineral conglomerate.

Thanks to its ecological composition, KaltAsphalt Plus is 100% recyclable.

## RESTORE THE SAFETY OF YOUR STREETS

KaltAsphalt Plus is a high-performance cold mix with performances equal to those of a hot mix and has a much higher seal than conventional cold mixes. KaltAsphalt Plus is the only cold mix produced using a binder modified with SBS. This composition guarantees an effective and long-lasting result in the closure of holes, both deep and superficial, in the maintenance of manhole covers and pavements, as well as in the restoration of construction sites for underground services. With KaltAsphalt Plus we give you the security of a quick intervention in all weather and traffic conditions. Resistant to frost, thaw and salt, it withstands heavy vehicular traffic without ginning or sagging. Because it is a multi-seasonal product, it allows long storage times both in summer and winter.

## SERVICES

FREE  
DEMONSTRATION



TRANSPORT,  
UNLOADING  
AND POSITIONING



TABLE OF  
WORK IN PROGRESS  
AND HIGH  
VISIBILITY JACKET



QUALITY  
WARRANTY



TECHNICAL DATA SHEET		<i>KaltAsphalt<sup>plus</sup></i>	
TECHNICAL SPECIFICATIONS	UNIT OF MEASUREMENT	VALUE	
Marshall stability	kN	> 4	
Marshall rigidity	kN/mm	> 1,5	
Indirect Tensile Strength (ITS)	kPa	> 75	
Vacuums with rotating grip (100 rpm)		< 10%	
Flaking Bitumen ASTM D3625N-12		< 10%	
Specific weight	t/m <sup>3</sup>	1,4	
MATERIAL SPECIFICATION			
Binder percentage		4 - 6%	
Binder modified with elasto-polymer		SBS only (spectrography)	
Binder (bitumen)		No additions	
Milled/Filler		34%	
Inert basaltic nature		60%	
Particle size		0-8 mm	
KaltAsphalt Plus protects the environment			
Binder modified with SBS		<b>100% Recycled</b>	
Milled		<b>100% Recycled</b>	
KaltAsphalt Plus is recyclable		<b>100%</b>	
VOC (Volatile Organic Compounds)		<b>No additions</b>	
Green Product Certificate		<b>ISO 14021:2016</b>	
Sack Disposal (Corepla)		<b>Light packaging/ Plastic</b>	
Functionality of the KaltAsphalt Plus			
Guaranteed workability in bulk and in bags		Over 12 months	
Functionality in a hole full of water/rain		Excellent	
Operating temperature		-30°C +80°C	
Resistance to frost and thaw cycles		Without disintegration	
In situ resistance on spider webs/fissures		More than 12 months	
Resistance in situ in wheel-rut/dimple		More than 24 months	
Resistance in situ in a delimited hole		More than 36 months	

## SPECIFICATION ITEM




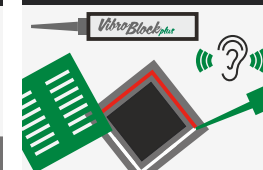




Supply of cold mix in bags weighing 20 Kg, structured type, compression reagent. The product will consist of virgin basaltic aggregates, recycled aggregates (milled road) and highly bituminous binder modified only with SBS elastomeric polymer obtained exclusively from recycling. The product must contain at least 40% recycled materials.

The product must not contain any Volatile Organic Compounds (VOCs). The material must adhere perfectly to any deterioration of the road surface, holes, wheel-ruts, crocodile-skin cobwebs, without the need for any kind of coating. Its use will be possible even in the presence of rain or wet road surface. Once used, the product must not be softened by high temperatures.

Furthermore, the product must not show phenomena of stiffening in the bag at temperatures below zero (-15°C) while maintaining its technical characteristics of use. Marshall stability higher than 4 kN, percentage of rotating press vacuums: 100 rpm < 10% and indirect ITS traction of more than 75 kPa. The bags, once emptied, must not have a dry residue exceeding 2% of the weight of the packaging so as not to constitute special waste and can be disposed of in ordinary plastic.

The workability of the product must be guaranteed for at least 24 months. The production cycle must comply with the "Minimum environmental criteria" described in standard UNI EN ISO 14021:2016, with the declaration of the minimum percentage of 40% of recycled material, all certified by a qualified certification body.

## COMPLETE RANGE OF PROFESSIONAL PRODUCTS FOR ROAD MAINTENANCE

<i>plus</i> KALT ASPHALT	<i>plus</i> MALTA RAPID	<i>plus</i> SIGIL RAPID	<i>plus</i> VIBRO BLOCK
			
<b>HOLES</b>	<b>MANHOLE COVER</b>	<b>JOINTS</b>	<b>NOISE</b>
			

## HOT ROAD-SEALING SERVICE



CLEANING      INJECTION      ROUGHENING

Manufactured and marketed by:

 **BETON  
ASFALTI**  
CIS - TRENTO

**CIS - TRENTO - ITALY**

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