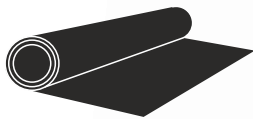


# KaltAsphalt<sup>plus</sup>

STRUCTURED COLD BITUMINOUS  
CONGLOMERATE WITH  
RESOLVING SBS



**HIGHLY MODIFIED  
BINDER WITH SBS**

from bituminous membranes

**IT IS IMMEDIATELY  
ACTIVATED BY COMPRESSING**

with the vehicle passage



**BASALTIC AND  
PORPHYRY AGGREGATES**



**MILLED ROAD**



**ECOLOGICAL  
ADDITIVES**



**RESISTANT  
IN SITU**



12/36 MONTHS

**HIGH  
MACHINABILITY**



**NOT DIRTY  
ODOURLESS**



**FROST  
RESISTANT**



-30°C

**RESISTANT  
TO HIGH  
TEMPERATURES**



+80°C

**ECO-FRIENDLY**



40%

**SUITABLE FOR ANY  
DEFORMATION  
OF THE ROAD SURFACE**



Manufactured and marketed by:



**BETON  
ASFALTI**

CIS - TRENTO

## TYPES AND DISTINCTIVE ELEMENTS OF COLD ASPHALTS AVAILABLE

### COLD ASPHALT

*StreetPatch*



**FOR TEMPORARY REPAIRS**

low cost

### STRUCTURED COLD ASPHALT

*KaltAsphalt<sup>plus</sup>*



**FOR DEFINITIVE REPAIRS**

best quality price value

### WATER REACTIVE COLD ASPHALT

**IDROPHALT**

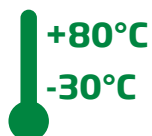


**FOR PROFESSIONAL REPAIRS**

extreme conditions

## 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 MARKETING 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.



## 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



## SPECIFICATION ITEM

Supply of cold mix like **KaltAsphalt Plus** in bags weighing 25 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 ( $-15^{\circ}\text{C}$ ) while maintaining its technical characteristics of use. Marshall stability higher than 3 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.

TECHNICAL DATA SHEET		<i>KaltAsphalt<sup>plus</sup></i>	
Technical specifications	UNIT OF MEASUREMENT	VALUE	
Marshall stability	kN	> 3	
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>	2,4	
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>
VOCs (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

## COMPLETE RANGE OF PROFESSIONAL PRODUCTS FOR ROAD MAINTENANCE

### STREETPATCH



#### TEMPORARY HOLES



### KALTASPHALT *plus*



#### DEFINITIVE HOLES



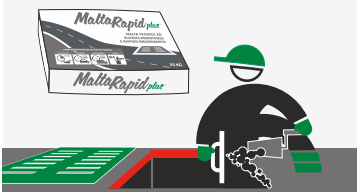
### IDROPHALT



#### PROFESSIONAL REPAIRS



### MALTARAPID *plus*



#### MANHOLE COVER



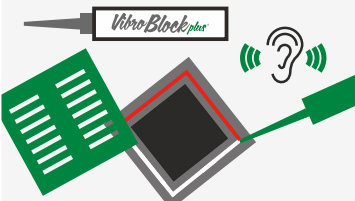
### SIGILRAPID *plus*



#### JOINTS



### VIBROBLOCK *plus*



#### NOISE



## HOT ROAD-SEALING SERVICE



TRENTINO  
SÜDTIROL

Manufactured and marketed by:

**BETON  
ASFALTI**  
CIS - TRENTO

**CIS - TRENTO**

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