

Colorful perspectives



SüBit® *COLOR*

SüBit®

COLOR

What is SüBit® Color?

SüBit®Color is a ready-made, dyed or transparent thermoplastic resin-binder. With the addition of colored minerals to the binder, it is possible to produce colored asphalts.



Cologne

SC 01/08 2006



Saarbrücken

SC 2010

Advantages

- Individual color adjustment
- Exact dosage
- Small scale production possible anytime
- Binding agent fit for long term storage
- Easy to handle, rapid to produce
- Production during the running asphalt mixing process. Only 2-3 batches of hot mineral necessary to clean the mixer



Kassel

SC 07 2008

Color palette

SüBit®Color can be produced in almost every color. Some of the listed colors below are always on supply in our central storage



Arnulfpark Munich

2007



SC 01
creme-white



SC 02
grey



SC 03
transparent
(like honey)



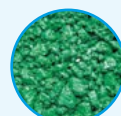
SC 04
dark-red



SC 05
light red



SC 06
blue



SC 07
green



SC 08
dark yellow



SC 09
ocher-brown

Production

The thermoplastic resin-binder is added directly into the tray. The only additional task is the cleanup of the mixer. This is done by filling it with some hot mineral.

Then the necessary amount of binding agent is determined by the suitability test plus 15% (e.g. AC 5 D with 6.9% x 1.14 = 7.87%). Depending on the type of device the mixing time is 240 seconds. The mineral compound's temperature should be elevated by 20°C. To avoid the arduous cleaning of the silo, a direct consignment is recommended. During the selection of the mineral, special care should be taken to select the best matching color. A proof of delivery for colored minerals can be requested at our offices.



Shipping



Addition

SüBit® Color – Technical details

Eigenschaften	Einheit	Color Standard 30/50	Color Spezial 20/30	Color GA	DIN EN
Needle Penetration (100g, 5 s, 25 cv °C)	0,1 mm	30–55	20–35	< 10	1426
Ring and Ball softening point	°C	> 50	> 55	> 55	1427
Breakingpoint Fraaß max.	°C	-8	-5	-	12593
Dissolubility min.	M.-%	80	80	80	12592
Flashing point min.	°C	230	230	230	22592
Relativ weight changes by thermal stress max.	%	0,8	0,8	0,8	12607-1
EP RuK change by thermal stress max. rise	°C	5,0	5,0	5,0	1426
Reduced Needle Penetration max.	%	40	40	40	1427

For more information please visit: www.bfb-bitumen.de/suebit

Application Engineering

SüBit®Color is both suitable for private and public spaces. The most frequently requested colors are procurable immediately through us. All other colors can be requested and are delivered promptly. Thereby a level of customization is achieved that covers all but the most ambitious of wishes – for example the adjustment to landmarked buildings. Besides rolled asphalt and Stonemastix asphalts also colored melted asphalt is producible. Binding agent for colored melted asphalts are also part of our product range.

Delivery










We deliver the thermoplastic resin-binder in foil bags, these contain packaging units of 800 grams each. The small packaging units result in exact control over dosage on the one hand and quick dissolving (including the foil bag) in the mixer on the other. The bags are heat sealed with plastic foil to pallets of 1000 kilograms. The plastic foil consists of polypropylene which dissolves pollutant free and without remainders in the mixer.

SüBit® COLOR

– Thermoplastic

resin-binder for the production of colored asphalts.

Application areas

-  Sensitive traffic areas in school or kindergarten vicinity
-  Bicycle paths, bus- or railway stops
-  Leisure facilities:
Ball parks
Inline skater
Skateboard
-  German federal garden shows or regional garden shows
-  Private courtyards
-  Color coordinated adjustment to landmarked buildings or listed buildings
-  As an alternative to water-bound walking- or bike paths
-  Low maintenance coating for traffic islands
-  Pedestrian precincts or traffic-reduced zone



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