SÄCHSISCHE WEGEDECKEN®

BAUSTOFF-
PRODUKTIONS
& HANDELS-
GESELLSCHAFT
mbh & CO.KG

Together with us on the best way...



Waterbound Surfacing from Saxony

www.bph-sachsen.de

4 Colours – 5 Products



Saxony Road Surfacing from Saxony

yellow-grey-red-anthrasite

We have been installing waterbound surfacings in different colours since 1997. The grain size is from 0-5mm. The surfaces of these pathways ensure very high strength and are self-regenerating as far as, surface damage, for example from mountainbikes.

The most important installation areas include road and pathways for:

Various design possibilities for multifunctional application areas

- Parks and Gardens
- Apartments and Homes
- School Yards
- Public areas



Saxony Pathways

yellow

In 2004 we developed a special mixture made out of a coarse gravel surface structure. The composition was improved in the area of frost and dew, so it can be installed in different weather conditions. The grain size is 0 to 8mm. The surface ensures high strength and self-regenerating of surface damage.

The most important installation areas are pathways and squares in:

- Historical parks and gardens
- Manors, castles and country houses
- Beergardens

Stable, little maintenance, ecological, various design possibilities

















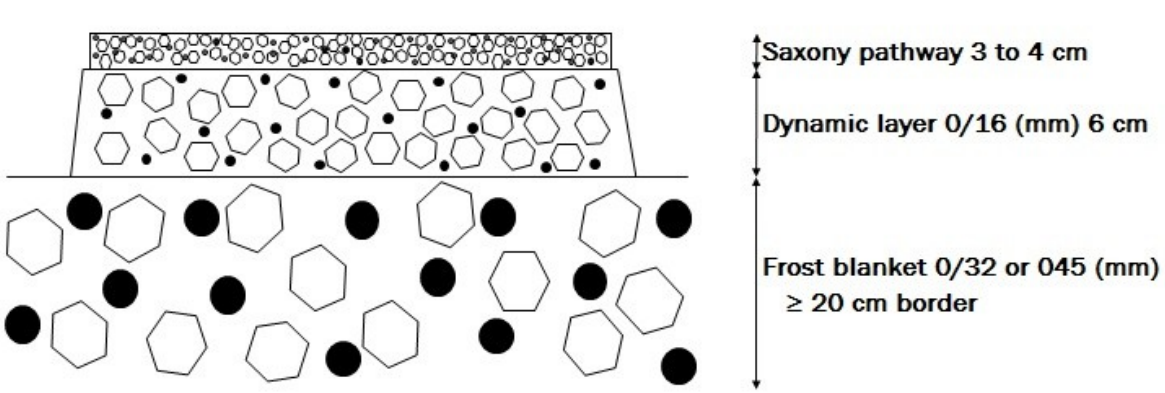
Installation

The installation is in 3 phases:

- minimum 20cm frost blanket 0/32 or 0/45mm or mineral mixture (water permeable)
- 6cm dynamic layer 0/16mm according to the standard DIN 18035,5 in the same colour as the Saxony Pathway
- 3 to 4cm (heavy traffic) of Saxony Pathway. That is 80kg/m^2 or 100kg/m^2

The so-called dynamic layer has the function of absorbing the shear load (braking and acceleration forces); this layer is mandatory for paths and surfaces that are driven on.

Important: the ground must be water permeable!



The Saxony Pathway needs a frame: this increases the stability of the surface and prevents the spread of grass and weeds on it. This can consist of:

- natural stone or concrete panels, cobble stones, metal tracks, wooden profiles, exposed aggregate concrete, asphalt, ...









Installation

Step 1



Frost blanket mixture compacted. Make sure that the surface is relatively level and spread evenly.

Step 2



Place the dynamic layer.



Be careful of height positioning. Add 7cm more, so after compaction you have reached 6 cm width.



Compact the dynamic layer.

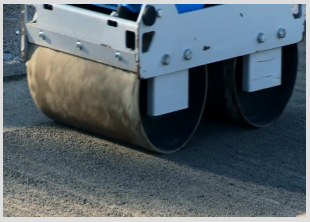
Step 3



Install the Saxony Pathway; also add 1 cm more. Level it with a rake or board. Water it with approximately 10 l/m²; this helps compaction and strengthening.



You can compact small areas easily.



Otherwise: use a roller (without vibration) to reach the best results.



You can test the strength with your fingers: If you cannot press your fingers into it, it is compacted well. The final strength is reached after 4 days or 3 weeks depending on the weather. (close integration between moist and wet!). You can also help by watering (10 l/m²) every time the surface is dry; you will reach the best result in warm weather!

Parks, Boulevards, Driveways, Playgrounds...









Some references: :

Elbufer in Dresden—Schloß Pillnitz zu Dresden—Schloß Moritzburg—Park Sanssouci in Potsdam—Lutherpark in Wittenberg—Stadtpark in Görlitz—Hülßegymnasium in Radebeul—Waldschößchenbrauerei in Dresden ...

ADVANTAGES



Ecological

No additives

No chemicals

Pure minerals

100% natural substances



Various design applications

Possible combination of 4 colours



Easy installation

Easy to install yourself

Flexible

Quickly implemented

Inexpensive



Little maintenance

Easy to maintain

Speedy repairs

Expansion possible years later, with colour match

	Exposed aggregate	Cobble stones (with sealing compounds)	**Saxony Pathways**
Material costs*	40,53 €/m²	26,00 €/m²	**9,85 €/m²**
Sewage charges**	1,69 €/m²/year	1,18€/m²/year	**0,85 €/m²/year**

* material costs (covering and surface material) plus installation costs

** Example: Dresden sewage charges (subject to change)

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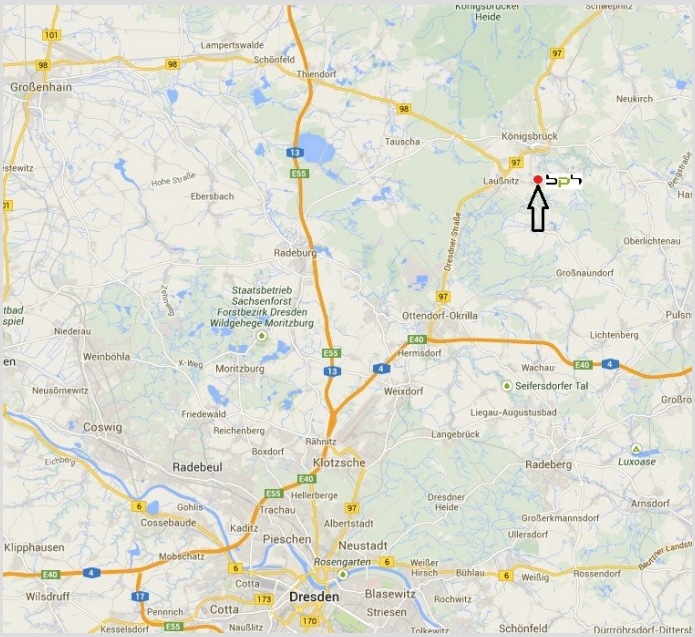

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Sales of small amounts directly at our works.

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Also: Production and sales of building stones (Blocks, cobble stones, armourstones and much more!) from Lausitzer Granite.