
LUXBIT®

THE HARD BITUMEN WITH IMPROVED

PROPERTIES



... make better roads

LUXBIT® – THE HARD BITUMEN FOR THE PRODUCTION OF Poured ASPHALT SCREED



LUXBIT AND Poured ASPHALT SCREEDS

Poured asphalt screeds have been being used in structural and industrial engineering for decades. At moderate cost they are easily and quickly processed. Depending on the specific application the composition of the poured asphalt is determined by the right selection of the mineral mix, the type of bitumen and possibly additives. In structural engineering poured asphalt mixtures consist of 90 to 93% minerals (filler, sand, grit or gravel) as well as 7% -10 binder.

The choice of the binder is key for the essential properties of the finished poured asphalt. Our hard bitumen Luxbit® is characterized here by its excellent product properties.

THE PRODUCT

Luxbit® is a hard bitumen with improved properties of earlier high vacuum bitumen (HVB). At ambient temperatures Luxbit is hard and brittle. Being a high quality building material Luxbit allows a fast and cost effective work.

ENVIRONMENTAL COMPATABILITY AND OTHER RELEVANT INFORMATION

Luxbit® is environmentally sound in manufacture and processing, and not harmful to health, water, soils, or plants. A requirement for the use of Luxbit in the production of poured asphalt screed is that the rooms should be heated. Due to the high hardness levels required, temperatures not below 5 °C should be allowed.

THE ADVANTAGES

Luxbit® is produced with a process developed in the 50s. This provides a long term experience during the production and allows high quality to be provided. The outstanding strength of Luxbit provides a superior resistance even at very high loads. Luxbit® is successfully used in all areas of poured asphalt screeds. Housing, chemically and mechanically highly stressed industrial screeds as well as agricultural buildings are only some examples. Luxbit meets the highest demands with respect to surface finishing. Poured asphalt screeds based on Luxbit are excellently suited for the typical methods of surface treatment and for any type of flooring.



LUXBIT® – THE HARD BITUMEN USED IN STRUCTURAL AND INDUSTRIAL ENGINEERING FOR DECADES



THE APPLICATIONS

Luxbit® is specially suitable for the production of poured asphalt screed according to DIN 18560, Part 1 - 7, e.g.:

- In residential and commercial buildings
- In industrial buildings
- In industrial buildings with screed exposed to high strains and who meet the requirements of AGI, Work Folder A12, Part 3
- In Gymnasium, hospitals or kindergardens

- In building used for agriculture
- For mechanically and chemically exposed screed, after a suitability test

Poured asphalt screed produced with Luxbit are generally suitable as foundation for different floor coverings and is therefore suitable for all kinds of further surface treatment.

TECHNICAL DATA

PROPERTIES	STANDARD	UNIT	STANDARD VALUE
PENETRATION	0,1 MM	DIN EN 1426	1 - 6
SOFTENING POINT RING AND BALL	°C	DIN EN 1427	90 - 100
ASH CONTENT	M.%	DIN 52005	< 0.5
FLASH POINT COC	°C	DIN EN 22592	> 300

These standard values are typical values and should not be regarded as specifications.



LOCATIONS



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Note
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