

Product Data Sheet Luxbit®

Product description

Luxbit is a hard bitumen with improved properties of earlier high vacuum bitumen (HVB).

Product properties

Luxbit exhibits the typical properties of hard bitumen at ambient temperatures, i.e. hard and brittle.

Product 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.

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.

Relevant information

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.

Environmental Compatibility

Luxbit is environmentally sound in manufacture and processing, and not harmful to health, water, soils, or plants.

Delivery form

Luxbit is delivered hot in road tankers.

Technical data

	Standard	Unit	Standard Value
Penetration	0,1 mm	DIN EN 1426	1 - 6
Softening point Ring & 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.

Note
 The information provided in this document is based on our product tests and present technical knowledge. It does not release purchasers from the responsibility of carrying out their receiving inspections. Neither does it imply any binding assurance of suitability of our products for a particular purpose. As LUCOBIT cannot anticipate or control the many different conditions under which this product may be processed and used this information does not relieve processors from their own tests and investigations. Any proprietary rights as well as existing legislation shall be observed.