

# Product Data Sheet

## Luxbit 96®

### 1. Product description

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

### 2. Product properties

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

### 3. 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.

### 4. 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.

### 5. 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.

### 6. Environmental Compatibility

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

### 7. Delivery form

Luxbit is delivered hot in road tankers.

| Technical data              |          |             |                 |
|-----------------------------|----------|-------------|-----------------|
|                             | Standard | Unit        | Standard Value* |
| Penetration                 | 0,1 mm   | DIN EN 1426 | 4               |
| Softening point Ring & Ball | °C       | DIN EN 1427 | 97              |
| Flash point COC             | °C       | DIN EN 2592 | > 300           |

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

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