

# Product Data Sheet Lucophalt®

## Product description

Lucophalt is a natural asphalt in powder form enriched with polymers and mixed with lime stone. Lucophalt® is the economic polymer combined product for the modern road.

- Resistance against fatigue
- Resistance against crack formation
- Resistance against aging

## Product properties

Lucophalt is a mixture of finely ground natural asphalt enriched with polymers mixed with lime stone powder in a ratio of 1:1.

## Applications

Lucophalt can be used in any asphaltic application.

## Product advantages

Lucophalt's special advantage is the long storability in a silo, even in minimal quantities. Furthermore Lucophalt owns the following advantages:

- Homogeneity and compactability
- Adhesive strength and resistance against water impact
- Resistance against deformation

## Environmental compatibility

Lucophalt is environmentally sound in manufacture and processing, free of plasticizers and chlorine, and not harmful to health, water, soils, or plants.

## Packaging

Powder in Big Bags (other wreaths upon request) .

| Typical Properties    |      |                                      |
|-----------------------|------|--------------------------------------|
| Product form          |      | powder                               |
| Delivery form         |      | Big Bag (other wreaths upon request) |
| Bitumen with polymers | M.-% | 28,0                                 |
| Filler                | M.-% | 22,0                                 |
| Lime stone powder     | M.-% | 50,0                                 |

|               | Recommended portion M.-% | Bitumen M.-%* | Filler M.-%** |
|---------------|--------------------------|---------------|---------------|
| SMA           | 2,1                      | 0,59          | 1,51          |
| AC B          | 1,5                      | 0,42          | 1,08          |
| AC D          | 2,0                      | 0,56          | 1,44          |
| PA 11<br>PA 8 | 2,1                      | 0,59          | 1,51          |

\* standard – if there are extraordinary problems there is the possibility of other varieties of the standard bitumen viscosity and the part of Lucophalt that may be added.

\*\* Lucophalt parts – which need to be considered while calculating and mixing

### 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.