

OxiPhalt®

Oxidized Asphalts

Asphalts created from selected asphaltic cements or bases, after which a controlled stream of air is insufflated at high temperatures, achieving a large spectrum of compliance points and penetrations specified for a great variety of special industrial products.



FEATURES:

- Increase in viscosity
- Longer durability
- Greater resistance at high temperatures
- Highly resistant to most acids, salts and alcohols
- Less thermal susceptibility

MAIN USES::

- **OxiPhalt 50/60** • Insulation glue for cold storages
 - **OxiPhalt 95/30** • To elaborate battery sealers
• Anticorrosive protection for buried tanks and metallic structures
 - **OxiPhalt 100/15** • Acoustic elaboration for automotive industry
• Painting, pigments and ink elaboration
• Rubber and tire industries
• Cardboard, paper and felt coating
 - **OxiPhalt 100/25** • Dielectric insulation
 - **OxiPhalt 115/15** • Reinforced glass veil saturation
 - **OxiPhalt 120/5** • Metallic coke manufacturing
- The uses indicated above are the most popular, however, products with special specifications and required needs can also be elaborated.

APPLICATION:

- It must be applied while hot, at temperatures from 150 to 220 °C, depending on the working characteristics.

DELIVERY:

- In bulks, in thermal tank trucks.
- In 15 kg loafs, approximately.
- In 200 kg drums.
- In 18Kg cans.

SAFETY MEASURES:

- We recommend that safety practices using PPE personal safety elements be used for a correct handling of the product, avoiding skin contact and high temperature vapor inhalation.. They are not flammable but they can burn. If temperatures higher than its ignition point are exceeded while hot storing, a flammable and explosive vapor/air combination may be generated. In case of a fire, dry chemical powder, carbon dioxide (CO₂), water spraying or regular foam extinguishers must be used, do not use a direct stream of water on the fire. The contact between hot asphalt and water will provoke a violent expansion with an elevation in the level and bubbling. For more information on safety procedures, request the Safety Sheet from our Technical Department.

TECHNICAL SUPPORT:

- Consult our Technical Department for the correct determination of the product needed as well as uses and/or applications not included in this briefing.

SPECIFICATIONS:

Characteristic	Testing Method		OxiPhalt 50/60	OxiPhalt 95/30	OxiPhalt 100/15	OxiPhalt 100/25	OxiPhalt 115/15	OxiPhalt 120/05
	ASTM	IRAM						
Compliance Point (ring and sphere), °C	D36	6841	50 - 55	93-98	100-106	100-106	112-118	120-125
Penetration, (25°C, 100 gr, 5 secs), 1/10 mm	D5	6576	50 -60	25-32	8-15	20-28	12-18	3-6
Ignition Point (Cleveland V. A.), °C (min.)	D92	6555	250	250	250	250	250	270
Relative Density 25/25 °C (min.)	D70	6586	0.990	0.990	0.990	0.990	0.990	0.990
Solubility in Cs ₂ , % , (min.)	---	6585	99	99	99	99	99	99
Heating Loss (5Hs,163°C), % (max.)	D6	6582	0,6	0.6	0.2	0.6	0.4	0.1

