Technical data sheet - Shielding paints

HSF 64

Product features

Intended use
Electro-conductive base coatings for the production of conductive and shielding paintwork at high-voltage power plants, high-voltage transport networks, magnetic fields and or low-frequency electric fields. In the production of the grounding plate or on control panels, closed circuit video systems, security cameras, control panels, switching and transmitters, elevators. To prevent interference of data from wireless networks (data-stealing), to protect plate against radio or other interferers. In the grounding instructions sheet, it is important to distinguish between protective measures and shielding measures. The shielding plate can be used as shielding measure in technical coatings: knife coating, low frequency (LF) and high frequency (HF). The underground needs to be solid, clean, firm and therefore must never be used!

Shielding attenuation
The shielding attenuation is regularly tested in our own EMC laboratory. We have measurement set-ups due to the following standards: ASTM D4395-10, IEC 6299-2006, IEC 61128-1998, ASTM A600-97. You find further information on our website on the corresponding product page.

Safe material handling
Safety notes
All paints have a high coloring power, so please proceed with care. Wipe off stains immediately with damp cloth. Touch the paint dry up. Do not inhale spray mist! Absolutely make sure, that all areas are well ventilated during use and drying time. Do not eat, drink or smoke during painting. Rinse thoroughly immediately after contact with the skin. For further procedures please follow up at subitem “Final coat”.

Application temperature
Minimum application temperature 5°C / 41°F. This temperature applies also for the drying time!

Underground
HSF44, HSF45, HSF46, NSF43: Excellent adhesion on all underground substances. Soil emulsion paints, sheetrock, wallpaper, cement, plaster, silicate or IEV 195-06-11 and thereby a new method of converting; do not skip areas! Always soak the primer with water, so that the concrete is properly wet. Dried up paint remains, should be removed.

Application
Mix 25% of the shielding paint before use by a paint mixer with a speed of more than 7.5 m²/l (leads to a decrease in viscosity and that’s why our customers tend to a thin coating. The problem is, that our shielding paints are often applied far to deep, so you may be prodigious to glue the floor!)

Further information
Storage
Store cool and frost free. Keep safe from children. Once the paint container has been opened, close tightly after use. Opened containers should be kept cool.

Disposal
Ursels should be cleaned immediately after use with water, according to the EU regulation 1272/2008 and/or (252) 752-9155: lbagroup@lbagroup.com

Identification marks
Product code: M 0061 (GSCODE)
Water hazard class: 1 (VWwS)
Waste code: 08 01 12 (AVW)
Hazardous ingredients: −
UN number: −
Transport hazard class: −

Disclaimer
More regulations have been asserted to the state of processing and application technology. As we don’t have any influence on processing and application technology, you find more information here under "Technical data sheet.

Your YSHIELD Dealer

LBA Technology
3400 Upper Tiger Drive
Greenville, NC 27834 US
Phone: (919) 257-0279
Fax: (919) 257-9525
Email: info@yshield.com
Internet: www.yshield.com

2015/05

** The given frost resistance is only valid liquid in the container, of course on the wall its permanent frost-resistant.

*** Polyacrylate-acrylamide. The nonboding EU-limit value for children toxic is 0.2 mg/kg.

! We request to apply the primer with equal thickness and to ensure a full faced coating. Use an electrical paint stirrer for several minutes. If stated above, the shielding paint contains MTT (M-4-Methyliothion-3-ol) or BIT (1,2-Benzothiazol-3-ol) as preservation substances. Advisory service and customer service under telephone number 0049 (08531) 31713-0.