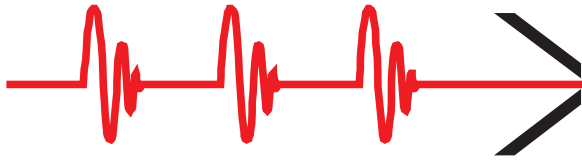


Holland Shielding Systems BV



Method of Use (cont.):

Recommended coating thickness:

A nominal 25 - 40 μm dry film coating thickness is recommended for good shielding performance. However, a thinner coating may be acceptable depending on the shielding requirements of the device being protected. Avoid dry spray for maximum adhesion and conductivity.

When applying the product to certain thermoset substrates such as polyester, nylon or polyurethane, a suitable primer, as used for polyurethane, is recommended.

Drying

Silverpaint 3840 dries to touch in about 5 minutes and to handle in approx. 10 minutes, depending on ambient temperature. Best coating properties will be achieved after 4 to 16 hours air drying (depending on coating thickness and ambient temperature). It may be force dried 20 minutes at 60 – 70°C with excellent results and slightly lower ohm readings than air dry values.

Quality Control

Measure resistance after coating is dry. Digital ohmmeter measurements using the same type of fixed test probe rigs avoids confusion and is highly recommended, although corner to corner readings are also in frequent use.

Cleaning

Masks can be cleaned with solvent or solventless mask washers. Overspray can be removed from plastics with MEK or 40/60% acetone/IPA wipe.

Typical Properties

(sprayed on Lexan panel, dried 20 min./70°C)

Sheet resistance	:	< 0.075 Ohm/square at 25 μm coating thickness
Attenuation (per ASTM ES 7-83)	:	60 - 70 dB at 35 μm coating thickness
Pencil hardness (ASTM 3363)	:	> 9H
Max. service temperature	:	95°C

Storage:

Store the product at temperatures between 5 and 30° C

P.O. Box 730
NL-3300 AS Dordrecht
the Netherlands

Jacobus Lipsweg 124
NL-3316 BP Dordrecht
Phone +31 (0)78 - 613 13 66
Fax +31 (0)78 - 614 95 85

ABN/AMRO bank 49.55.86.625
IBAN NL 34ABNA0495586625
K.v.K. nr 23057218
BTW/VAT nr NL 804.474.096.B01

info@hollandshielding.com
www.hollandshielding.com
www.faradaycages.com