

ROMPOX 1102 EA-Coating 10⁹ Ω

Solvent-free, electro conductive, pigmented 3-compound epoxy resin system

Pos.	Text	Amount Unity	Price per unit	Total €
1.	<p>Preparation of cement-bound and metallic surfaces: The surface must be even, dry, oil-, fat- and dust-free. Lose parts and other impurities must be removed. Generally, the surface must be prepared by shot peening and provided with an undercoat. In individual cases milling or grinding might be necessary. The adhesive tensile strength has to be >1,5 N/mm². The residual moisture of the concrete has to be < 4% (e.g. CM-device). Before coating, the concrete surface needs to be levelled with primer or filling compound with ROMPOX[®] 1505, in order to obtain a very even surface. For cimenteous surfaces with increased residual moisture ≤ (6%) ROMPOX[®] 1506 has to be applied. Strongly absorbent surfaces need to be primed twice! Metallic surfaces have to be pretreated according to SA 2 ½ Swedish standard and then primed with ROMPOX[®] 1101.</p>			- on site -
2.	<p>Priming of cement-bound surfaces: High-quality solvent-free epoxy resin primer is applied onto the pretreated surface by using a single-lip squeegee.</p> <p>Material: ROMPOX[®] 1505 standard primer Consumption: 0.3 kg/m² Price: €/kg</p>		0.00	0.00
3	<p>Contingency item filling compound: ROMPOX 1102 ESD-coating requires a very even surface. Therefore, the following levelling compound is already necessary for slight unevennesses. The levelling compound is applied by using a single-lip squeegee and then treated with a fur-roller.</p> <p>Material: ROMPOX[®] 1505 standard primer Consumption: approx. 0.5 kg/m² binder per mm coat thickness mixed with ROMEX[®] 3209 filler 1:1.5. Price: €/kg</p>		0.00	0.00
4.	<p>ESD-copper band Affix ROMPOX 1106 ESD-copper band onto the undercoat. For each 400m² of surface copper bands have to be affixed at the four surface corners (20 cm on the ground and 20 cm at the wall). Establish connections between the copper bands and the ground cables. Protect them against mechanic damage.</p> <p>Material: ROMPOX[®] 1106 ESD-copper band Consumption: 0,004 running metre / m² Price: €/running metre</p>		0.00	0.00
Subtotal			0.00	0.00

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Pos.	Text	Amount Unity	Price per unit	Total €
Continuation of page 1			0.00	0.00
5.	<p>ESD-conductive lacquer After the laying of the copper band, a black conductive lacquer is laid on in order to divert the electrostatic charging from the top coat to the ESD-copper bands. The conductive lacquer is applied by means of a fur-roller.</p> <p>Material: ROMPOX[®] 1104 ESD- conductive lacquer Consumption: 0.200 kg/m² Price: €/kg</p>		0.00	0.00
6.	<p>Electroconductive coating (EA between 10^7 and $10^9 \Omega$) Application of a coloured, electroconductive coating on the basis of epoxy resin by means of a squeegee or smoothing trowel.</p> <p>Material: ROMPOX[®] 1102 EA-coating $10^9 \Omega$ Colour: (many standard colours and light shades up to approx. RAL 9001 cream white are available, special colours on request) Consumption: 1.6 kg/m² Price: €/kg</p> <p>+</p> <p>Material: ROMEX[®] 3217 conductive filling material Consumption: 0.8 kg/m² Price: €/kg</p> <p>The ROMPOX 1102 EA-coating $10^9 \Omega$ must be de-aerated with a metal feed roller.</p>		0.00	0.00
Total			0.00	0.00

The recommendations we hand on to our customers / fabricators are based on experiential values and the current level of knowledge in science and practice; however, they are not binding and have no legal force. Application and material amounts have to be adjusted to the corresponding local conditions. Please test a small sample surface beforehand.