Step-by-Step Application Guide



Clean dust and dirt from the cables/cable support structures, then degrease them thoroughly with a neutral cleaner.



Cover or mask-tape the floors, walls and electrical equipment.



Make preparations for proper subsequent measurement of the coating's layer thickness. For example, wrap metal tape around the cable or arrange metal plates in place against which the coating's dry film thickness can later on be measured.



Apply PYRO-SAFE® FLAMMOTECT-A evenly to all exposed surfaces. Hard-to-reach surfaces can be coated with the help of accessories, e. g. extension tubes and articulated nozzles.



After the coating has cured (completely dried), determine its dry film thickness with a measuring device.



Remove the tape and covers, clean the installation area and (if applicable) attach the identification label.

Application and Workability Properties

<table>
<tr><td rowspan="2">Type of application</td><td>Coating</td><td colspan="4">Thin-layer application</td></tr>
<tr><td>Solid emulsion</td><td colspan="4">Thick-layer application</td></tr>
<tr><td colspan="2">Application procedure</td><td colspan="4">• Spreading with a brush or roller
• Spraying with an airless spray device
• Recommendation for application:
• Coating: Recommended nozzle bore > 0.019“ = 0.48 mm
• Solid emulsion: Recommended nozzle bore > 0.021“ = 0.53 mm
• Pressure: 150-180 bar</td></tr>
<tr><td colspan="2" rowspan="5">Consumption (example)</td><td>Solid content (weight)</td><td>Application quantity [g/m²]</td><td colspan="2">Film thickness [mm]</td></tr>
<tr><td rowspan="4">66–86 %</td><td>1,000</td><td>wet
approx. 0.9</td><td>dry
approx. 0.5</td></tr>
<tr><td>2,000</td><td>approx. 1.8</td><td>approx. 1.0</td></tr>
<tr><td>3,200</td><td>approx. 2.9</td><td>approx. 1.6</td></tr>
<tr><td>4,000</td><td>approx. 3.6</td><td>approx. 2.0</td></tr>
<tr><td rowspan="4">Drying times at +23 °C and 65 % rel. humidity</td><td></td><td colspan="2">Dust-dry (touch-dry)</td><td colspan="2">Recoatable with itself</td><td>Fully cured</td></tr>
<tr><td>Coating</td><td colspan="2">min. 4 hours</td><td colspan="2">min. 8 hours</td><td>min. 4 days</td></tr>
<tr><td>Solid emulsion</td><td colspan="2">min. 4 hours</td><td colspan="2">min. 8 hours</td><td>min. 4 days</td></tr>
<tr><td>Filler</td><td colspan="2">min. 6 hours</td><td colspan="2">–</td><td>min. 10 days</td></tr>
</table>

Installation Video

Be sure to watch the **installation video** of PYRO-SAFE® FLAMMOTECT-A and of other penetration sealing systems in full length!

