



TECHNOLOGY FOR APPLICATION OF WATERPROOFING MATERIAL ON METAL SURFACE

REQUIRED MATERIALS

1. Anti-corrosion primer
2. Bitumen primer
3. Waterproofing membrane POLYSOL P
4. Gas torch

METHOD OF APPLICATION

- Subject to insulation metal surface must be clean from mechanical contamination, oil and rust to make it shine.
 - The surface is first treated with an anti-corrosion primer.
 - As soon as the surface is dry the bitumen primer is applied by brush or roller.
- Waterproofing membrane POLYSOL P is applied by gas flame bonding.
- At the moment of membrane laying the protective plastic film do not have to be removed, it melts when heated by the torch.
- Material is heated by application of heat created by regular movements of the gas flame on the roll width until the bitumen layer melts becoming soft.
- Heat this side of the roll which shall be glued to the insulated surface
- The membrane bonding begins from the middle of the roll toward its ends.
- Roll the membrane in the way that the strip to be overlapped 80 mm longitudinally and from 150 to 400 mm transversally.
- The overlap in transverse direction depends on the object to be insulated – for flat metal objects it is up to 150 mm, while for tanks or other enclosed vessel it must be not less than 400 mm.
- The waterproofing sheet is pressed onto to the metal part and overlaps. The overlapping joints are treated in order to secure water-tightness.