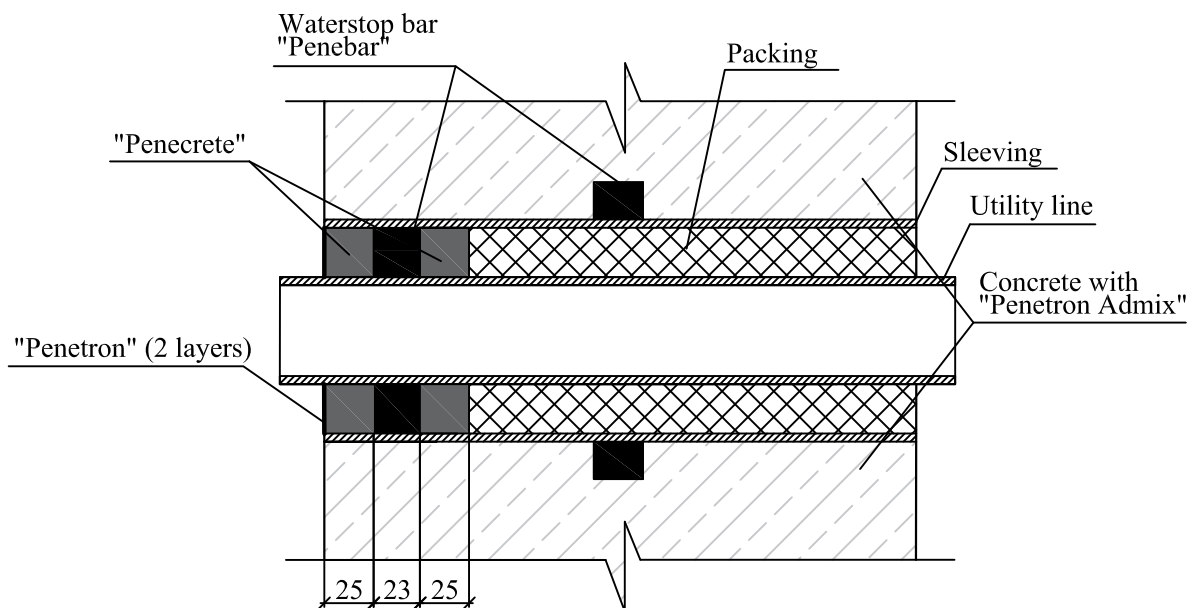


Unit 7

Structure under construction

Waterproofing of communication inlets



Application of the materials:

1. Use the concrete with Penetron Admix.
2. Prepare Penetron Admix in ratio of 0.6-0.7L of water per 1 kg of a dry admixture or by volume - 1 portion of water per 1.5 portion of a dry admixture. Consumption of the Penetron Admix waterproofing admixture is 1% of cement weight in a concrete mix or 4 kg of the Penetron Admix per 1m³ of concrete.
3. Add/pour the slurry in a ready mix truck.
4. After being added to a concrete mix, the Penetron Admix mortar is stirred in a ready mix truck for at least 10 minutes. The Penetron Admix waterproofing admixture may be used without limitation with any other admixtures in concrete
5. Clean the communication inlet mechanically, using high-pressure water unit.
6. Put Penebar around the sleeve pipe
7. Prepare such amount of the Penecrete mortar that can be used within 30 minutes. Mix a dry mix with water in the following ratio: 0.17-0.18L of water per 1 kg of the Penecrete dry mix, or by volume - 1 portion of water per 5 portions of the dry mix. Stir the Penecrete mortar mix for 1-2 minutes manually or with a slow-speed drill until the thick plastic consistency is achieved
8. Fill the inlet cavity with Penecrete mortar mix.
9. Put Penebar around the inlet.
10. Fill the rest of the inlet cavity with Penecrete mortar mix. The thickness of the applied layer of the Penecrete mortar mix shall not exceed 30 mm; deep holes are filled with several layers.
11. Apply Penetron slurry onto the surface in two layers without gaps. The first layer shall be applied to damp concrete and the second - to the first layer fresh but already set. Before applying the second layer, the surface should be moistened. The consumption of the dry mix Penetron is 0.8-1.1 kg/m² of the concrete surface.