

Due to the high processing temperature of rolled asphalt, the following points must be observed:

01. The calculated heating circuit lengths from the MULTIBETON design must be strictly observed.
02. A maximum of one heating circuit per connection may be connected to the heating manifold. Y-pieces must not be used.
03. If the MB Euro System pipe (MB-ER17) is damaged during installation or mechanical damage occurs due to external impact, the affected heating circuit must be re-installed before the rolled asphalt is laid.
04. After the rolled asphalt has cooled down, all heating circuits must be checked for leak tightness in accordance with the applicable standard.
05. During the placement of the asphalt, the MB Euro System pipes (MB-ER17) must be constantly flushed with fresh cold water below 20 °C. This requires an upstream pressure of 4 bar at the manifold inlet or a flow pressure of approx. 2 bar; if necessary, the pressure reducing valve and flushing filter must be removed. If the house connection pressure is less than 6 bar, the cooling water is provided by the MB-KWS (cooling water station for MGA-40 & MWA) or a standpipe.
06. Only suitable pressure hoses with secured hose clamps should be used.
07. The laying temperature of the mastic asphalt must never exceed 160 °C when it is applied.
08. Only MB Euro System pipes (MB-ER17) and MULTIBETON manifolds are used.
09. All valve inserts, flow indicators or constant flow regulators must be replaced with end plugs before the rolled asphalt is placed.
10. The supply line of the manifold is designed with min. 1" without any taper! The manifold outlet must also be 1", without any resistances, so that a free flow or outflow is possible. A cooling water circuit is not permitted. The paths of the inlet and outlet hoses must be kept as short as possible and, if necessary, protected by bridges.
11. A maximum of two manifolds may be open for flushing at the same time.
12. After completion of the asphalt paving, the heating circuits must be flushed with cold water for at least 90 minutes.
13. After the flushing process, it is necessary to ensure that the drains of the manifolds or the ball valves remain open so that any water that is heated later can still expand.
14. It must be ensured that all heating circuits of the laying section as well as the adjacent heating circuits, with or without cooled asphalt, are permanently flushed with fresh cold water during the entire laying and cooling phases of the asphalt.

