

Cut-off wall construction on the site of the new units



One of the important elements of the site preparatory works for the construction of the new nuclear power plant is the construction of the cut-off wall.



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A major project started in July 2023 on the construction site of the new nuclear power plant: a cut-off wall is being built. This watertight wall will enclose the new nuclear power plant units, its construction is one of the important elements of the site preparatory works.

- ▶ The purpose of the cut-off wall is on the one hand to ensure that groundwater can only reach the working pit in a controlled manner and to a minimum extent, and on the other hand to prevent the decrease of groundwater level outside the cut-off wall, which is of the utmost importance for the four units in operation.
- ▶ This is a well-established civil engineering technology that has been used for decades all over the world and in our country as well, but the dimensions of the cut-off wall in Paks are not ordinary: it has a circumference of two and a half kilometers, a thickness of one meter and a depth of up to 32 meters.
- ▶ The cut-off wall works are carried out by the Hungarian subsidiary of Bauer, the well-established German company, which has significant international references.
- ▶ After the cut-off wall works, and simultaneously, groundworks will continue with the soil consolidation and the so-called soil excavation up to the design level, and the next step can be the first concrete pouring.



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