

ENGLISH SUMMARY

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ON THE BEARING CAPACITY OF TILE DRAIN PIPES

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The present article deals with the bearing capacity of tile drain pipes embedded in soil, when the pipes fulfill the quality requirements set in the Finnish standard RIL 54 b. The bearing and loading conditions in the standard test method bring about claims on the pipe usually not occurring in natural embedding conditions. By the aid of a modified two-edge bearing test method the different claims acting on the pipe proved to be comparable. Deflection measurements carried out showed the theory of elasticity to be applicable to the pipe's material.