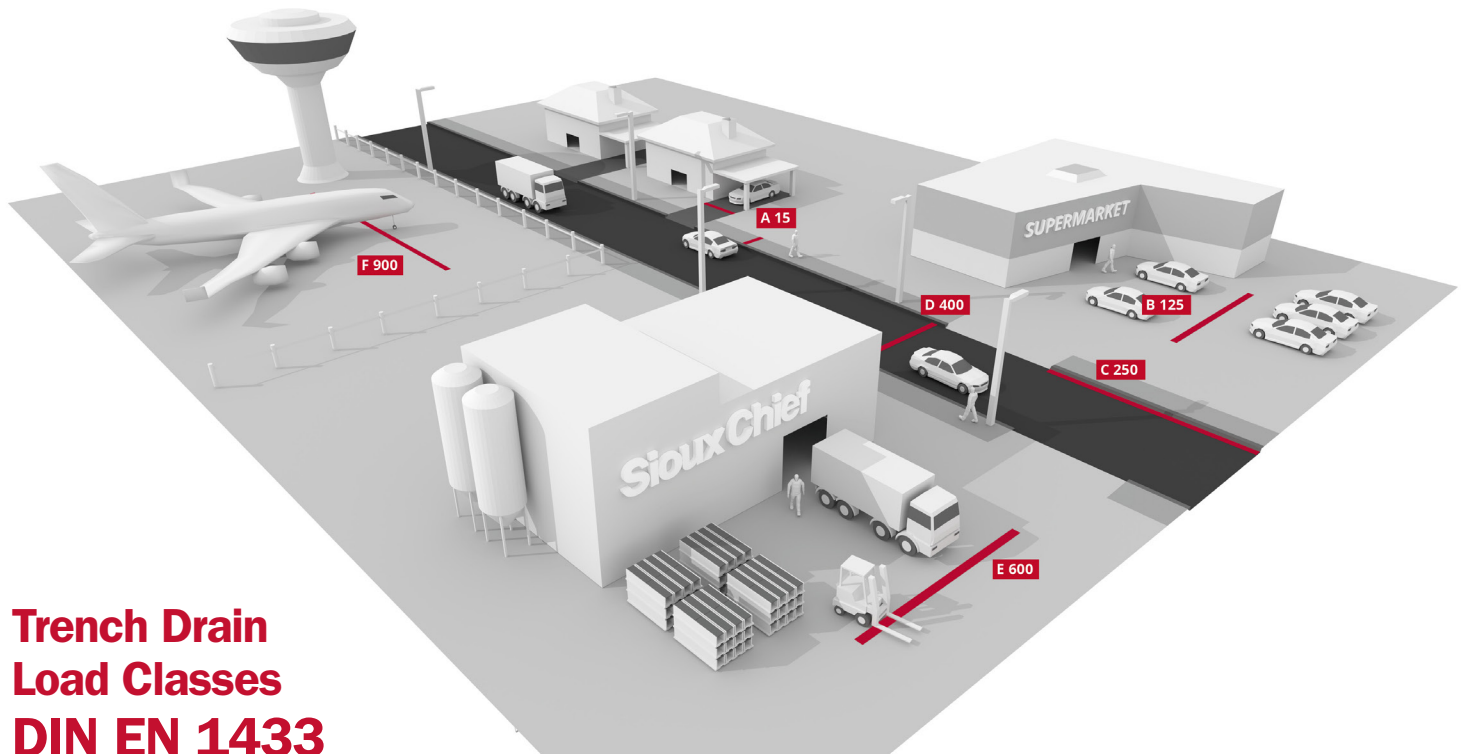


Load Rating Guide

»» for Trench Drains



Trench Drain Load Classes DIN EN 1433

In the DIN EN 1433 standard, a basic distinction is made between the 6 installation areas listed below. These are assigned different 'load classes', i.e. minimum requirements for the mechanical load capacity. The designation of the class is made up of a letter (A-F) and a number. The number indicates the test load in kN, used during a test according to DIN EN 1433.

Note: Since areas may be subject to higher loads than may be expected or intended, if there is any uncertainty, we recommend selecting the higher class for the application than examples listed.



Class A15

Test Load: 3,372 Lbs
Walkways, pedestrian/cycle paths



Class D400

Test Load: 89,924 Lbs
Forklift traffic, road surfaces



Class B125

Test Load: 28,101 Lbs
Walkways, light-vehicle parking areas



Class E600

Test Load: 134,885 Lbs
Industrial/military applications, high wheel loads



Class C250

Test Load: 56,202 Lbs
Curb areas, Car and Truck parking



Class F900

Test Load: 202,328 Lbs
Airport surfaces, docks, extreme wheel loads

For AASHTO requirement of HS-20/HS-25 we recommend using grates of Class C250 or above for drain channels up to 12" wide, and Class E600 or above for drain channels wider than 12"

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