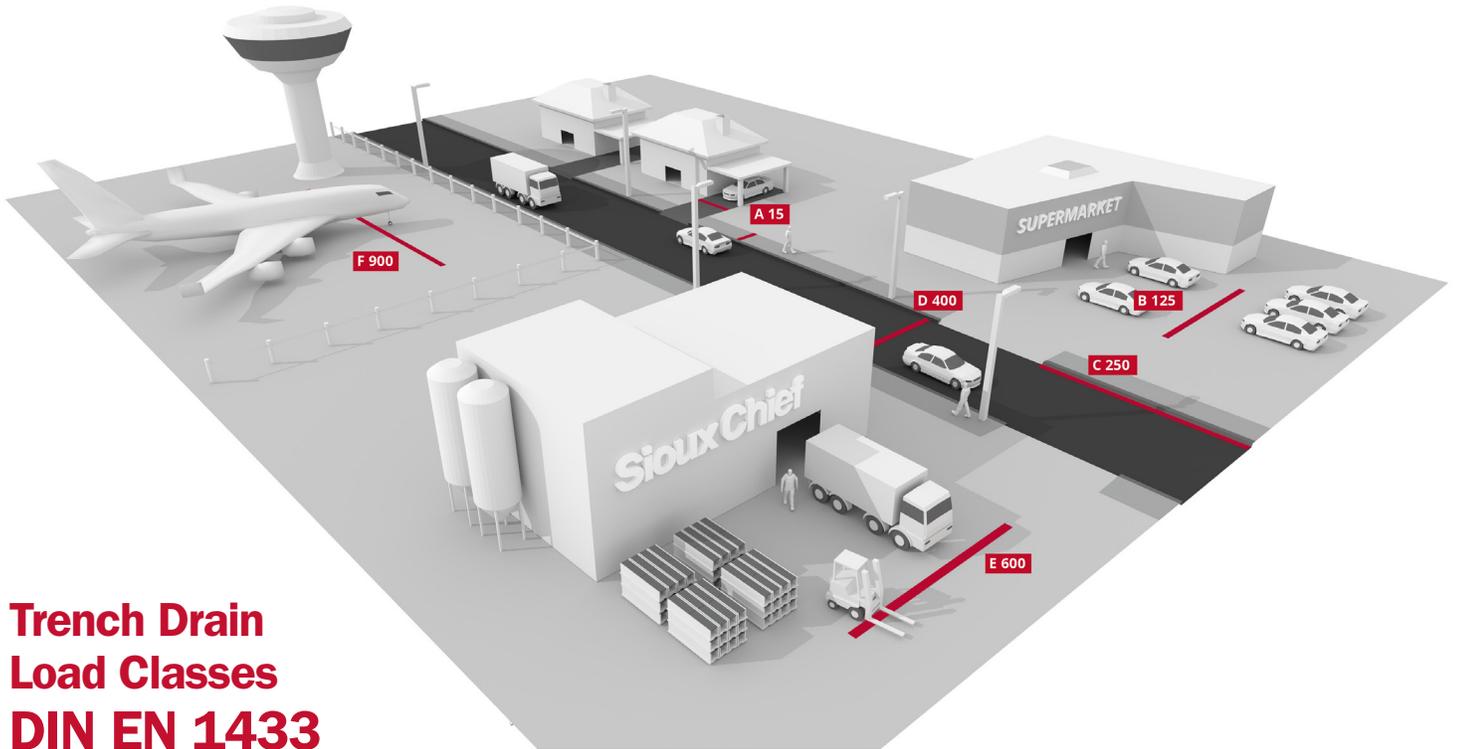


# Load Rating Guide

»» 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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