



Alvenius Sprinkler Systems

FACTS: Countries: Sweden, Norway, Denmark and Finland
Dim:..... 2 ½" (76mm to 12" (323mm)
Media:..... Water



Photo: Alvenius

Sprinkler systems are today an important part in the design of warehouses, shopping malls, office buildings and other types of construction.

Alvenius introduced spirally welded, roll grooved pipes for sprinkler systems only a few years ago. The pipes are manufactured from hot rolled steel coils for pressure vessel applications to create a high strength product with unique properties in terms of roundness, straightness and low weight.

The low weight of the pipe is an advantage during installation and greatly reduces the work load for the fitters. Only a few years after introduction the spirally welded pipes are a favorite among many installation companies.

Ergonomic advantage – better overall economy

The wall thickness of Alvenius spirally welded sprinkler pipes is only between 2.0–4.0 mm to be compared to 2.9–7.1 mm which is common for ordinary sprinkler pipes. An Alvenius sprinkler pipe with OD 168 mm and wall thickness 2.5 mm has only half the weight of other pipes commonly used in the market today. This is equal to a weight reduction of 50 kg per pipe (6m).

Using Alvenius lightweight sprinkler pipes will reduce costs for handling, resulting in a better overall economy. Despite the smaller wall thickness third party tests (made by Swedish Institute SP) shows the life span of the Alvenius pipe is comparable with any competing sprinkler pipe.

200.000m roll grooved pipes annually

Today Alvenius supply approximately 200.000m of roll grooved sprinkler pipes in the Nordic countries every year. Standard dimensions and lengths are usually shipped from our stock.

Alvenius also have the flexibility to offer pipes in lengths up to 9m (12m for pipes OD 168 up to OD 323). Surface treatments offered are untreated, painted or galvanized.

Among the installations with Alvenius roll grooved sprinkler pipes you will find the likes of IKEA, MECA, Bonnier and Nokian to mention a few.

Alvenius intention, in the market area of Fire Protection, is to grow further in the Nordic countries. The success of Alvenius unique products in the Nordic countries shows great possibilities also for the rest of Europe.

Certificates

Alvenius roll grooved pipes are approved with the required certificates for supply to sprinkler installations in the Nordic countries: SBSC (Sweden), FG (Norway), DBI (Denmark) and FKL (Finland).



Photo: Alvenius



Photo: Alvenius