

Entrance graitings may be installed in three main ways:

- to the flooring surface
- with a tray into a pit
- into a pit
- into a pit on a supporting structure

#### **Recommended distance between supports when planning the graitings system**

Entrance graitings have bearing capacity and if they cannot be fully laid on the even flooring or a pit basement but installed in the pit on the supporting structures, the additional supporting cross braces should be ensured so that the graitings do not bend in case of strong floatation. The recommended average distance between the supports is 60 to 100 cm.

#### **Location of bearing bars**

It is important to ensure the location of the bearing bars of steel cell graitings and Euro graiting profiles with inserts in regards to the motion direction. They should be laid across the motion direction.

#### **Location of graitings on the supporting structures**

Proper location of graitings on the supporting structures. Bearing bars of the graitings and aluminum Euro graiting profiles with inserts should be laid from support to support across the motion direction in accordance with the recommended distance between supports.

#### **Division of large size articles**

When designing the entrance zone with the graitings the following should be taken into account:

- if the graiting profile length is over 3 meters
- if one graiting weighs over 60 kg  
the article should be divided into parts so that it could be raised for cleaning the surface under it, be it a pit or flooring surface.

#### **Graiting shapes**

Gidrolica company offers standard square and rectangular shapes of different entrance graitings. But we also may offer non-standard graiting shapes upon your request. Examples of graiting shapes:

- Rectangular graiting shapes
- Square graiting shapes
- Trapezoid graiting shapes
- Circular graiting shapes
- Semi-circular graiting shapes

**The following article shapes are possible:**

- Circular shape
- Rectangular shape
- Trapezoid shape
- Semi-circular shape