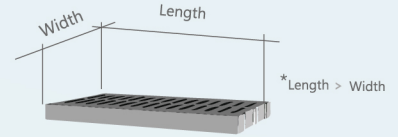


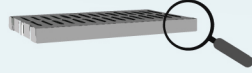
## 1. Tolerance

The width of the surface channel at any location shall be at least 1.5mm larger than the width of the grating, and the local offset from the true alignment shall not exceed 1mm.

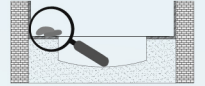


## 2. Examination

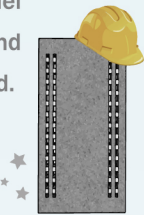
- a. Inspect each piece of channel grating immediately before installation and eliminate pieces which have visible edge damages.



- b. Check frames and verify that the surfaces are clean, dry and have no protrusions which may cause point loading that may damage the channel grating.



- c. Do not commence installation until site is properly prepared. The installation of channel grating should be planned as the last step of the construction works to the trench and environment nearby, and after danger of damage from construction traffic has passed.



## 3. Preparation

- a. Remove all protective packaging



- b. Clean surfaces thoroughly prior to installation.



## 4. Installation

Install in accordance with manufacturer's instructions.

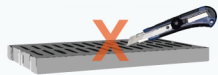


## 5. Cleaning and Protection

- a. During and after the installation on a unit by unit or area by area basis, protection sheet shall be placed immediately to cover the channel grating and ensure it is not removed or damaged until the area is open to the public.



- b. Prevent the grating for any potential exposure to smear, scratch or abrasion to other materials, tools and machines.



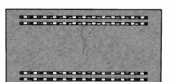
- c. Clean promptly after installation in accordance with manufacturer's instructions



- d. Do not use harsh cleaning materials like acid wash that could damage the product



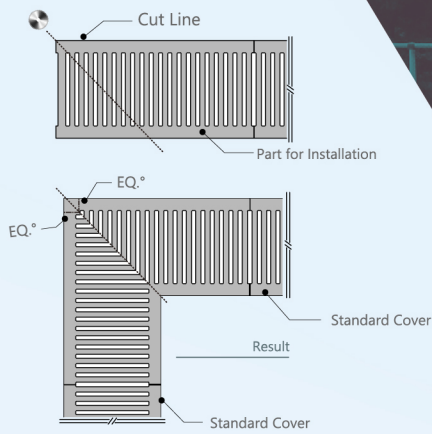
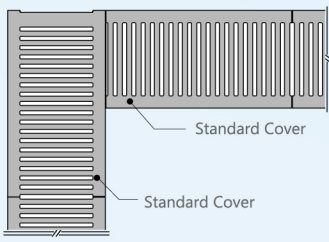
- e. Repair or replace product if damaged by mishandling.



# Installation Guides

## EXECUTION

## 01 90° Angle Turn

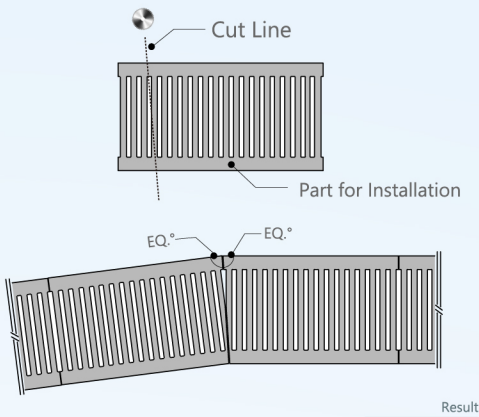


# Installation Guides

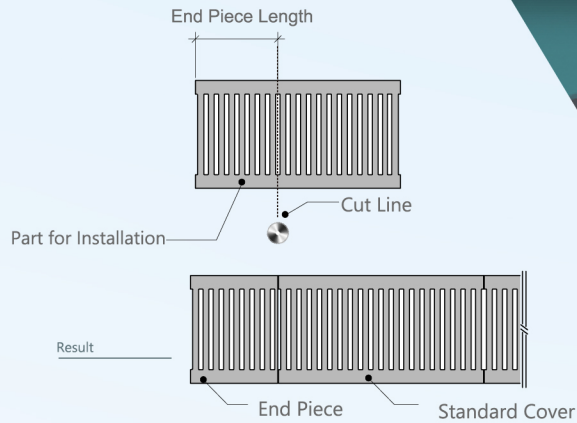
SYNTHETEC<sup>®</sup> Stone Grating  
End Piece & Turning Corner

## RECOMMENDATION

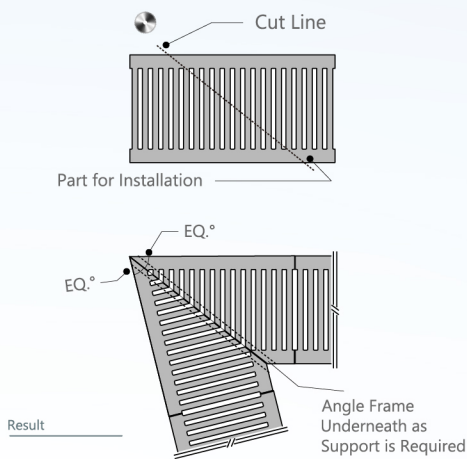
## 02 Obtuse Angle Turn



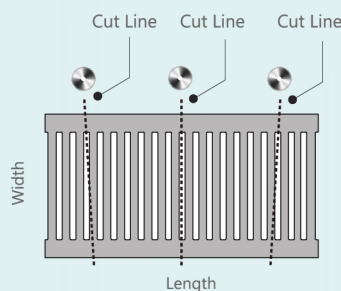
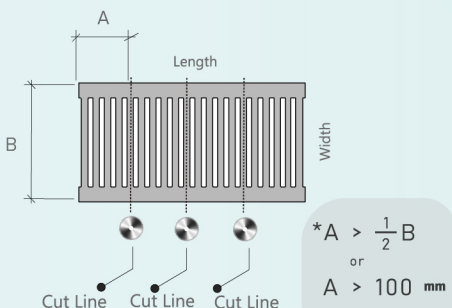
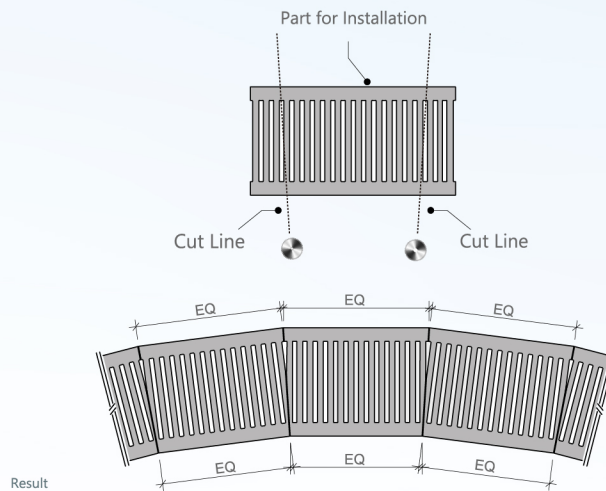
## 04 End Piece



## 03 Acute Angle Turn

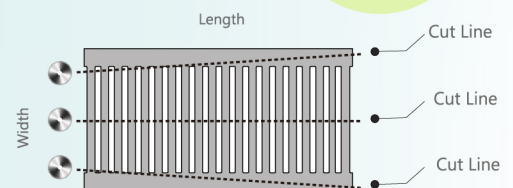


## 05 Curve Channel



The **LENGTH** of the grating cover after modification shall be more than **1/2 of WIDTH** or **100mm** whichever is bigger.

**Valid Cutting Direction**  
The modification of the length on site is allowed



### Invalid Cutting Direction

The modification of the **WIDTH** is **HIGHLY NOT RECOMMENDED**. Any attempt to do so may cause structural damage