

Solatube TDDs Installation processes: New Building – Concrete Roof

Ideally Solatube daylighting systems are planned and built into your home or office building during construction.

1. Design process

Design process can be done in two different ways;

- a. On-Site Daylighting design. (for details please see the 'Site Registration and Daylighting design process')
 - b. On map day lighting design. (for details please see the 'Site Registration and Daylighting design process')
- ## 2. Pre-installation works.

After day lighting design is finalized and order is placed following pre-installation works are done at site.

a. During roof concrete pouring

During the roof concrete pouring leave hole for the Solatube daylighting system. Diameter in inches for different models is as following:

- i. Solatube 160DS = 10"
- ii. Solatube 290DS = 14"
- iii. Solatube 330DS = 21"

Please note that all the pictures (from different sites) used in this document are just for giving the concept, we highly recommend that all the work is performed by Solatube Certified Installers.

Preparation for roof concrete pouring shown in picks.



- b. If the roof has already been poured we have to make a hole for the Solatube daylighting system:



- c. Make a curb for the Solatube daylighting system. Size of the curb should be as following:
- i. Solatube 160DS = 22 x 22"
 - ii. Solatube 290DS = 27 x 27"
 - iii. Solatube 330DS = 33 x 33"



Completion of plaster works



- d. Fixing the Solatube Daylighting system - should be completed before the completion of final paint work.

