

TRUEGRID Performance in Snow

Snow Melt

The large void space in the fill and base material helps speed up the melting time for snow/ice. Once the snow melts it will drain through the TRUEGRID which will also help eliminate the potential for black ice. There is no ponding or standing water in the TRUEGRID area to refreeze. In addition, TRUEGRID's stone base layer breaks any capillary connection to groundwater for additional protection against freezing.



Figure 1: Picture of parking lot 24 hours after 1" snowfall without plowing.

Snow Plowing/Blowing

TRUEGRID systems can be successfully snow plowed with the blade raised 1/2"-1" above the grid. Any additional snow left behind will melt quickly due to the large void spaces as mentioned above. If a piece of TRUEGRID is damaged or snagged while plowing, the individual piece of grid can be replaced since the system is modular.



Figure 2: A TRUEGRID Surface immediately after plowing.



Figure 3: The same surface one hour after plowing.

Snow Plow Equipment

There are multiple different options to ensure the blade of the snow plow stays above the grid. See figures below for common snow plow accessories.



Figure 4: Skid roller attachments.



Figure 5: Common plow blade skids.



Figure 6: Sled-type skid attachments.