

Thybar Certified Calculations for Seismic and Wind-Load 25 Ton and Under Curbs

Thybar Certified Calculations	
Maximum Building Height	60 feet
Building Codes	CBC 2019, IBC2018
Ground Snow Load (PSF)	25
Maximum Wind Speed	160 mph
MCER ground motion (period=0.2s) (Ss)	2.556
MCER ground motion (period=1.0s) (S1)	0.835
Numeric seismic design value at 0.2s SA (Sds)	1.704
Seismic design category (SDC)	F
Site Soil Classification:	Site Class D - Stiff Soil (Default)
Occupancy Category/Risk:	IV
Exposure Category:	D
Component Importance Factor I_p	1.5
Elevation	Sea Level (Worst Case)

For quotes on curbs, contact us at Curbs@Thybar.com

Curbs (Insulated or Non-Insulated)

- * 24" max overall height for Curbs
- * Std. duct support channels
- * Flat or pitched

Vibro-Curb III (Insulated or Non-Insulated)

- * 32" max overall height for Vibro-Curbs
- * Std. duct support channels
- * Flat or Pitched

**PE Sealed calculations available
for all 50 states**



***Don't Risk It.
Call Thybar***

We are members of