

# 33mil (20ga) MaxTrak with non-structural drywall framing selection guide:

**MaxTrak™**  
 Slotted Deflection Track  
**MaxTrak™ 2D**  
 Slotted Deflection & Drift Track

Based on your projects wall framing condition:

1. Select drywall stud framing type: UltraSTEEL or SSMA
2. Select lateral load (wind pressure psf).
3. Select wall stud spacing.
4. Match the wall stud thickness used on the project.

## 33mil (20ga) MaxTrak Allowable wall heights

With UltraSTEEL Drywall Framing

33mil (20ga) MaxTrak with UltraSTEEL Drywall Framing — Maximum wall heights										Allowable Lateral Load
Wall Stud Thickness	5 psf			10 psf			15 psf			
	12" o.c.	16" o.c.	24" o.c.	12" o.c.	16" o.c.	24" o.c.	12" o.c.	16" o.c.	24" o.c.	
25ga EQ Wall Studs	15'-7"	11'-8"	-	-	-	-	-	-	-	39
22ga EQ Wall Studs	22'-0"	16'-6"	11'-0"	11'-0"	8'-3"	-	-	-	-	55
20ga EQ Wall Studs	26'-4"	19'-9"	13'-2"	13'-2"	9'-10"	-	8'-9"	-	-	66
20EQ (STR) Wall Studs	29'-7"	22'-2"	14'-9"	14'-9"	11'-1"	-	9'-10"	-	-	74

## 33mil (20ga) MaxTrak Allowable wall heights

With SSMA Drywall Framing

33mil (20ga) MaxTrak with SSMA Drywall Framing — Maximum wall heights										Allowable Lateral Load
Wall Stud Thickness	5 psf			10 psf			15 psf			
	12" o.c.	16" o.c.	24" o.c.	12" o.c.	16" o.c.	24" o.c.	12" o.c.	16" o.c.	24" o.c.	
18mil (25ga) Wall Studs	15'-7"	11'-8"	-	-	-	-	-	-	-	39
27mil (22ga) Wall Studs	23'-7"	17'-8"	11'-9"	11'-9"	8'-10"	-	-	-	-	59
30mil (20ga) Wall Studs	26'-0"	19'-6"	13'-0"	13'-0"	9'-9"	-	8'-7"	-	-	65
33mil (20ga) Wall Studs	40'-0"	30'-0"	20'-0"	20'-0"	15'-0"	10'-0"	13'-4"	10'-0"	-	100*

### Table notes:

1. Loads are based on allowable #8 screw pullout from the drywall stud.
2. \* Loads are based on testing the wall stud within 12" of end of track for worst case.
3. Screws must be located 1-1/4" from the track web. (At MaxTrak's center guideline)
4. 33 mil material shall have a yield strength equal or greater than 33 ksi.
5. The values in these tables apply to the depths of members from 2-1/2" to 8".
6. The values are based on a single stud for worst case. Multiple studs are acceptable.
7. The values are the same for the MaxTrak and MaxTrak 2D system. Screw pull through in the vertical slot controlled in testing.
8.  $Span = [ 2 \times \text{Allowable Load} ] / [ \text{Pressure(psf)} \times \text{Stud Spacing(ft)} ]$