

Palisade Vinyl Railing (Part 2)

STAIR RAIL Installation Instructions



It is the responsibility of the installer to meet or exceed all code and safety requirements, and to obtain all required building permits.

These instructions are only a guide and may not address every circumstance.

The installer should determine and implement the appropriate installation techniques for each situation.



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VINYLAST INC or any of its distributors shall not be held liable for improper or unsafe installations.

Step 7 Installing Balusters & "Contour Top Rail"

With top rail brackets mounted to top rail, install all balusters into bottom rail. Start at the bottom of stair run and one by one insert balusters into the top rail. With balusters inserted in top rail, set rail in place and center on mounting surface. Insert two (2) #10 x 4" pan head screws into bracket. While keeping bracket square and centered on mounting surface, start screw enough to mark mounting surface. Push top rail to one side and pre-drill a 1/8" hole at same angle as mounting screw. Set rail in place and install mounting screws. With screws in place, insert fill plugs (two (2) per bracket) using PVC glue or silicone caulk to hold in place.

Step 8 Cutting Vinyl Post Sleeve To Height

After your railing is installed, you may need to trim the top of the vinyl post sleeves before installing post caps. We recommend measuring up 2 1/2" to 3 1/2" from the top of the mounting bracket trim cover and making a pencil mark prior to cutting. **Note:** Finished post height with post cap may be adjusted for personal preference and appearance. Once all marks are satisfactory, cut the vinyl sleeve using a hand or power saw. (Be sure to cut top of post square.) You are now ready to install your post cap. Apply a small amount of PVC glue or silicone caulk to the top inside lip of the cap and mount in place.

Step 90 Clean Up

Your job is now complete. Should your railing have any loose dirt on it from the installation, simply hose it off or wipe with a soft cloth. To remove any stubborn dirt or stains use Simply Green.

RISE OVER RUN CALCULATION

RUN in inches

	6.5	7	7.5	8	8.5	9	9.5	10	10.5	11.5	11.5	12	12.5	13	13.5	14	14.5	15
3.5	28	27	25	24	22	21	20	19	18	18	17	16	16	15	15	14	14	13
4	32	30	28	27	25	24	23	22	21	20	19	18	18	17	17	16	15	15
4.5	35	33	31	29	28	27	25	24	23	22	21	21	20	19	18	18	17	17
5	38	36	34	32	30	29	28	27	25	24	23	23	22	21	20	20	19	18
5.5	40	38	36	35	33	31	30	29	28	27	26	25	24	23	22	21	21	20
6	43	41	39	37	35	34	32	31	30	29	28	27	26	25	24	23	22	22
6.5	45	43	41	39	37	36	34	33	32	31	29	28	27	27	26	25	24	23
7	47	45	43	41	39	38	36	35	34	32	31	30	29	28	27	27	26	25
7.5	49	47	45	43	41	40	38	37	36	34	33	32	31	30	29	28	27	27
8	51	49	47	45	43	42	40	39	37	36	35	34	33	32	31	30	29	28
8.5	53	51	49	47	45	43	42	40	39	38	36	35	34	33	32	31	30	30
9	54	52	50	48	47	45	43	42	41	39	38	37	36	35	34	33	32	31
9.5	56	54	52	50	48	47	45	44	42	41	40	38	37	36	35	34	33	32
10	57	55	53	51	50	48	46	45	44	42	41	40	39	38	37	36	35	34

Stock Stair Railing are Available with a

29° - 35° Standard or a 36° - 41° Steep Step

36° - 41°

29° - 35°

Calculated Angel in Degrees

