

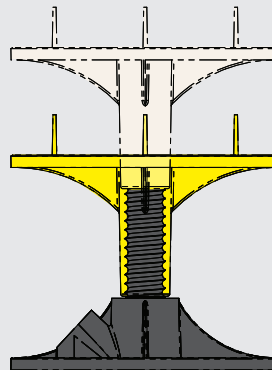
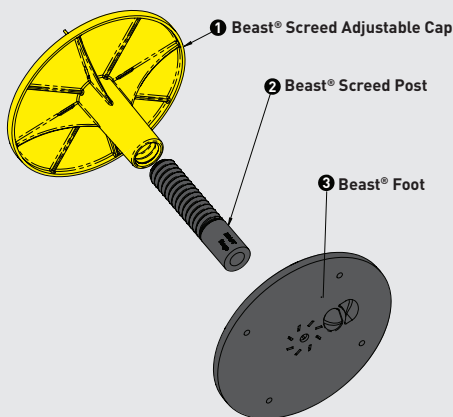
# Beast® Screed System FIELD REFERENCE GUIDE

## Pre-Construction Meeting & Prior to the Pour: (For best results)

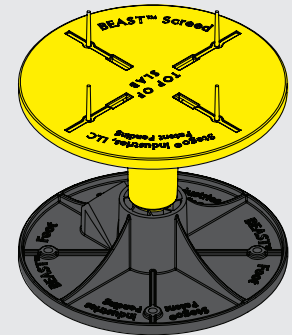
- ☐ Read and have on hand Stego's Beast Screed System Installation Instructions – Available online at [stegoindustries.com/Beast](http://stegoindustries.com/Beast)
- ☐ Ensure the pour crew is aware Beast Screed will be used on the project.
- ☐ The concrete foreman should layout, or approve of, the directional setting and spacing of the Beast Screeds.
  - Bays should be laid out in the direction the concrete crew intends to utilize them, i.e. N to S or E to W.
  - The spacing between the screeds should be equal to or less than the length of the screed board being used. **Reminder:** Beast Screed is a Point-to-Point Screed Guide.
- ☐ Instruct the pour crew on the proper methods of using Beast Screed.
  - It is best to identify ONE person responsible for establishing the slab elevation and making elevation adjustments to Beast Screed Adjustable Caps.
  - Ensure the pour crew understands the Adjustable Cap & Screed Post are designed to be reused. **Tip:** Store used screeds in water until the pour has been completed and they can be properly cleaned for reuse.
  - Consider showing the video animation of Beast Screed to the pour crew.



### Notes:



Beast® Screed will easily adjust to ensure a fixed elevation and more accurate  $F_L$  numbers than traditional wet-screeding.



Beast® Screed System



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## Installation Procedures: <sup>(1)</sup>

- ☐ **Install Beast Foot on a clean, dry vapor barrier.**
  - Remove any dust, moisture, or other contaminants with a clean, dry rag.
  - After removing the release liner, adhere Beast Foot to the vapor barrier in the desired location and apply downward pressure for 5 to 10 seconds.
- ☐ **What to do if a blotter <sup>(2)</sup> (sand) layer is present:**
  - The blotter layer must be pulled aside to expose a small area of the vapor barrier. Clean the vapor barrier prior to adhering Beast Foot to the vapor barrier. Once the Screed Post has been inserted into Beast Foot, the blotter layer can be moved back into place.
- ☐ **Cutting of the Screed Posts:**
  - **Tip:** A “scissor-type” PVC cutter works best for cutting Screed Posts.
  - Other types of PVC cutters also work, as well as a thin blade saw (i.e. hack saw)  
**Caution:** For safety purposes, power tools should not be used to cut Screed Posts.
- ☐ **Cut Beast Screed Post at one of the “kerf” lines to accommodate the proper slab depth.**
  - There are numbers marking each of the kerf lines which correspond to the various slab depths each post length will accommodate.
  - The “designed” depth of the slab should fall directly between the marked numbers on the Screed Post.
  - For instance; for a 6” slab depth the post should be cut at the [5” 7”] kerf line, and an 8” slab depth should be cut at the [7” 9”] kerf line. This will give one full inch of adjustment up and down to accommodate for variation in slab depth.
- ☐ **Once the Adjustable Cap and Screed Post have been positioned into the press-fit center hub, rotate the Adjustable Cap up or down; use a check rod or grade rod and laser level to set the proper slab elevation.**
- ☐ **Tip:** For best adhesion results store Beast Foot in a temperature conditioned space prior to use. In cold temperatures apply downward pressure for an additional period of time when adhering Beast Foot to the vapor barrier.

## Concrete Placement:

- ☐ **Concrete is placed in the same basic sequence as if wet-screeding. However, instead of floating cow patties, install Beast Screeds in those locations as a fixed-elevation, point-to-point guide screed system.**
  - Be cautious that the person operating the hose or chute does not side-load the Beast Screeds, (it could affect the elevation).
  - Take care to avoid covering the Adjustable Caps with concrete, (it makes them difficult to see).
- ☐ **If concrete is being placed with a drag-line pump or Georgia Buggy:**
  - It may be prudent to install the Beast Feet, then pre-cut the posts to the correct length, install the caps and set them aside. Once the placement equipment has passed over each Beast Foot, and the area is clear, insert the Screed Posts and set the Adjustable Caps to the proper slab elevation.
- ☐ **To maximize the cost benefits of Beast Screed, reuse the Screed Post and Adjustable Caps.**
  - **Tip:** The best time to remove the Adjustable Caps & Screed Posts is when the screeding crew approaches each Beast Screed from the previously screeded bay.

(1) All installation notes are intended to be a quick reference guide, and not intended to replace the full Beast Screed Installation Instructions available on the website noted at the top of page 1.

(2) See ACI 302.2R-06 [Section 7.2] for discussion on the use of a blotter layer on top of vapor barrier.