



# Strong Hold™

## Engineering Assessment Form Steel Beam



Building  
Stronger  
Bonds™

| Owner Information     |  | Certified Installer Information |  |
|-----------------------|--|---------------------------------|--|
| Point of Contact      |  | Point of Contact                |  |
| Mobile Phone          |  | Mobile Phone                    |  |
| Email                 |  | Email                           |  |
| Company Name          |  | Company Name                    |  |
| Street Address        |  | Street Address                  |  |
| City, State, Zip Code |  | City, State, Zip Code           |  |
| Country               |  | Country                         |  |

| Project Information      |  |                     |  |
|--------------------------|--|---------------------|--|
| Project Name             |  | Calculation Package |  |
| Structure Identification |  | Response Time       |  |
| Estimated Start Date     |  | Repair Window       |  |

| Dimensional Data          |  |                                 |  |
|---------------------------|--|---------------------------------|--|
| Nominal Length (inches)   |  | Quantity of Beams               |  |
| Nominal Width (inches)    |  | Height to Bottom of Beam (feet) |  |
| Nominal Height (inches)   |  | Span Width (feet)               |  |
| Flange Thickness (inches) |  | Span Depth (feet)               |  |
| Web Thickness (inches)    |  | Visible Deflection (inches)     |  |

| Design Information                            |         |  |             |
|---|---------|--|-------------|
| Current Dead Load (psf)                       |         | Current Live Load (psf)                          |             |
| Increased Dead Load (psf)                     |         | Increased Live Load (psf)                        |             |
| % Corrosion to Restore Flexural Reinforcement |         | % Corrosion to Restore Compression Reinforcement |             |
| Other Loading Requirements                    |         |  |             |
| List Chemical Exposure with % Concentration   |         |  |             |
| Design Temperature (F)                        | Max (F) |  | Minimum (F) |

| Installation & Environmental Conditions |  |                                    |  |
|---|--|------------------------------------|--|
| Interior or Exterior Installation       |  | Ambient Temp During Install (F)    |  |
| Age of Construction (Years)             |  | Surface Temp During Install (F)    |  |
| Shutdown for Install (Y/N)              |  | List Obstructions                  |  |
| Surface Prep Restrictions (Y/N)         |  | Describe Surface Prep Restrictions |  |
| Intrinsically Safe Environment (Y/N)    |  | Is Scaffold Needed (Y/N)           |  |

| Notes |
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If you have questions or would like assistance filling out the form then please call HJ3 technical support at +1 (520) 322-0010, or email [engineering@hj3.com](mailto:engineering@hj3.com).