



Strong Hold™

Engineering Assessment Form Concrete 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) | | Flexural Reinforcement (inches) | Size |
| Concrete Compressive Strength (psi) | | | Spacing |
| Strength of Steel Reinforcement (psi) | | | % Corrosion |
| Concrete Cover over Reinforcement (inches) | | Shear Reinforcement (inches) | Size |
| Span Width (feet) | Span Depth (feet) | | Spacing |
| Visible Bowing (inches) | | | % Corrosion |

| 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 Shear 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 Concrete (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 |
|-------|
| |
| |
| |
| |

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.