

RestoreABLE™ PF Systems

Pressurized Formwork Systems for Concrete Restoration

STRUCTURAL Technologies' single-sided pressureized formwork systems are used to achieve bond between new and existing concrete for monolithic-like performance.



STANDARD SYSTEM COMPONENTS

- Sheathing
- Load Cells
- Port / Valve Attachments for Pump Connections
- Ventilation Ports
- Tension Anchor Attachments
- QA/QC Window Ports

APPLICATIONS

- Vertical / Overhead Concrete Repair
- Enlargement for Strengthening of Structural Elements (Column Enlargements, Drop Panels, Beams)

NOTES

- Installed by licensed STRUCTURAL TECHNOLOGIES contractors
- Used in conjunction with InfuseABLE ISCC Infuseable Self Consolidating Concrete
- Must be used with QA/QC

FEATURES	FUNCTIONS	BENEFITS
<ul style="list-style-type: none"> ▪ Load Cells placed in the forming system 	<ul style="list-style-type: none"> ▪ Measures hydraulic pressure of repair material within the form cavity during placement 	<ul style="list-style-type: none"> ▪ Validates the filling of the cavity and intimate bond with substrate
<ul style="list-style-type: none"> ▪ QA/QC Window Ports 	<ul style="list-style-type: none"> ▪ Allows for visual observation of cavity filling 	<ul style="list-style-type: none"> ▪ Validates the filling of the cavity
<ul style="list-style-type: none"> ▪ Port / Valve Attachments for Pump Connections 	<ul style="list-style-type: none"> ▪ To create positive pump connection to formwork ▪ Positive shutoff without leakage 	<ul style="list-style-type: none"> ▪ Maintains pressurization of formed cavity after pumping is complete
<ul style="list-style-type: none"> ▪ Ventilation Ports 	<ul style="list-style-type: none"> ▪ Remove trapped air in complex geometric configurations 	<ul style="list-style-type: none"> ▪ Validates the filling of the cavity and intimate bond with substrate
<ul style="list-style-type: none"> ▪ Tension Anchor Attachments 	<ul style="list-style-type: none"> ▪ Stabilize the one sided form to resist pressurization and dead load of repair material 	<ul style="list-style-type: none"> ▪ Maintains formwork in positive controlled position ▪ Precision