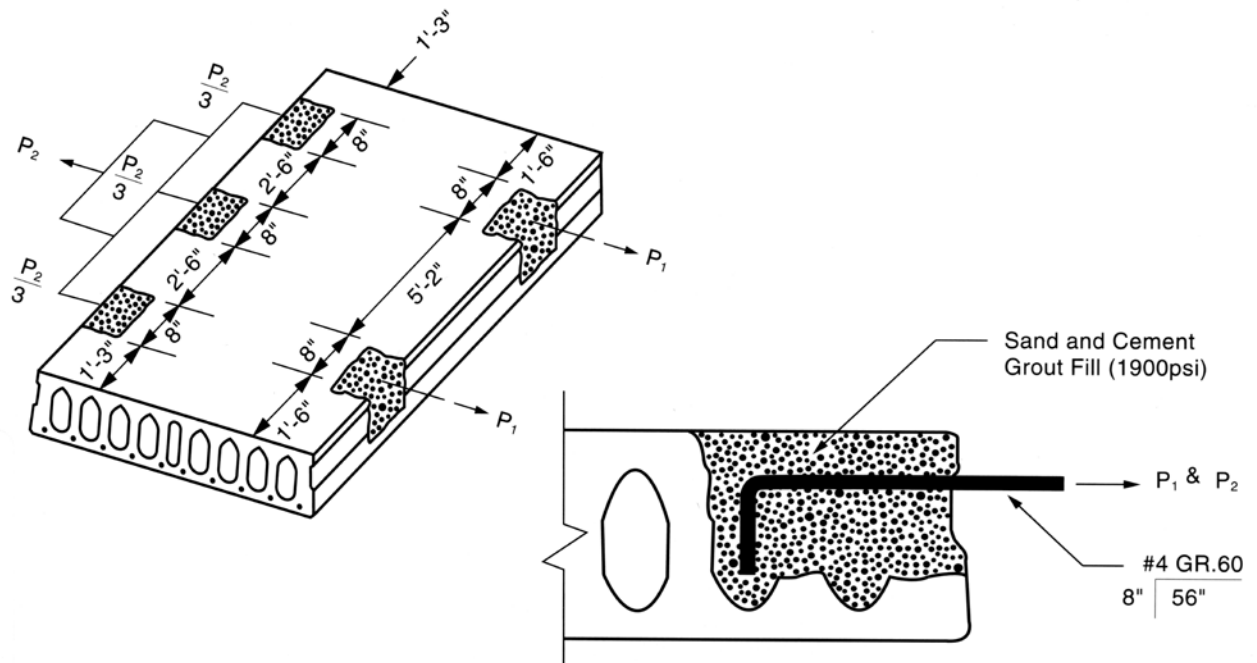


SIDE ANCHORS

As part of a program for evaluating various inserts used in Spancrete® hollowcore plank, anchors were tested in the sides of plank as shown below and on the reverse side. The type of anchor, installation, and test conditions are presented in each table. Interpretation for job applications, load interactions, appropriate strength reduction factors, and safety factors are left to the user.



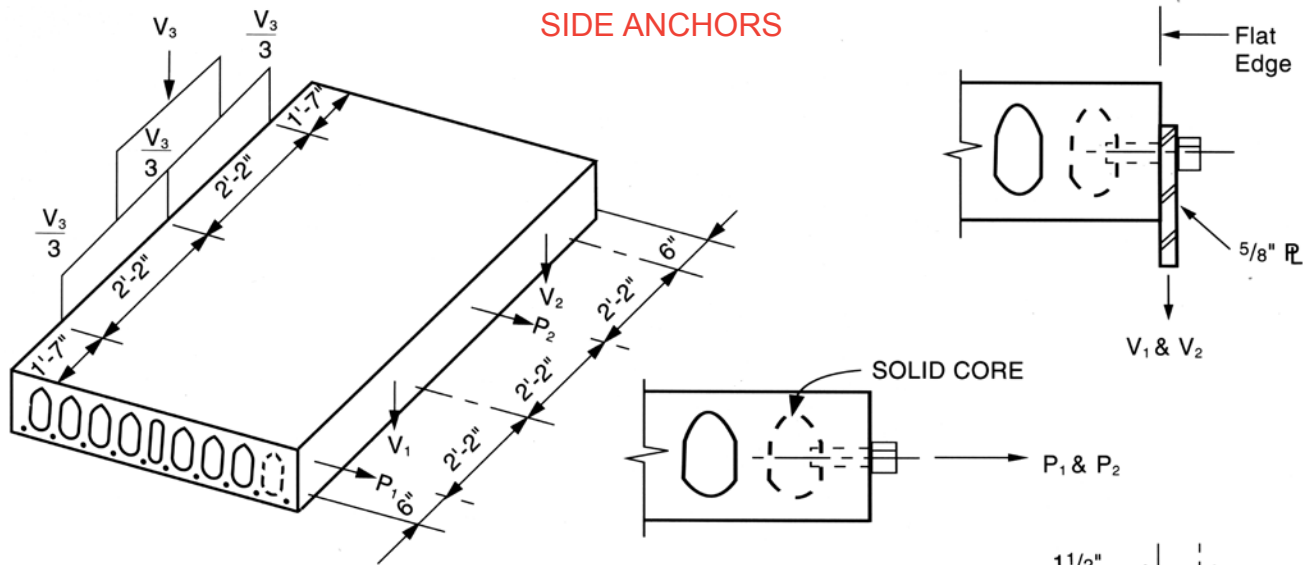
TEST RESULTS (KIPS)

Load	Test #1	Mode*	Test #2	Mode*	Test #3	Mode*	Test #4	Mode*	Avg.	Low
P ₁	9.23	Conc.	11.57	Conc.	12.23	Conc.	10.43	Conc.	10.87	9.2
P ₂	38.5	Conc.	27.5	Conc.	-	-	-	-	33.0	27.5

*Failure Mode

Values given are test results. Appropriate strength reduction factors and safety factors must be applied.

Additional test data is presented on the other side.



3/4" dia. Sleeve Anchor
(contact your local producer for specific anchor information)

Test Results (KIPS)

Load	Test #1	Mode*	Test #2	Mode*	Avg.	Low
P ₁	11.5	Conc.	11.68	Conc.	11.59	11.5
P ₂	13.7	Conc.	11.25	Conc.	12.48	11.25
V ₁	10.88	Conc.	11.32	Conc.	11.10	10.88
V ₂	8.21	Conc.	8.29	Conc.	8.25	8.21
V ₃	20.0	Conc.	17.10	Conc.	18.55	17.10

*Failure Mode

Values given are test results. Appropriate strength reduction factors and safety factors must be applied.

EAST

Oldcastle Precast, Inc.
South Bethlehem, NY

Oldcastle Precast, Inc.
Manchester, NY

Conewago Precast Building Systems
Hanover, PA

MIDWEST
Spancrete, Inc.
Green Bay, WI

Spancrete Industries, Inc.
Waukesha, WI

Hanson Structural Precast Midwest, Inc.
Maple Grove, MN

Spancrete of Illinois, Inc.
Arlington Heights, IL

WEST
Hanson Structural Precast Pacific, Inc.
Inwindsale, CA

KIE-CON
Div. of Kiewitt Pacific Co.
Antioch, CA

Owell Precast
Sandy, UT

SOUTHWEST
Manco Structures, Ltd.
Schertz, TX

SOUTH

Cement Industries, Inc.
Fort Myers, FL

Florida Precast Industries, Inc.
Sebring, FL

MC Precast, Inc.
Atlanta, GA

CANADA
Burnco Concrete Products Ltd.
Calgary, Canada

EGYPT
Samcrete Egypt
Ahram, Giza

MEXICO

ITISA
Mexico City, Mexico

Spancrete Noreste
Monterrey, Mexico

TURKEY
Yapi-Merkezi
Camlica-Istanbul, Turkey

CARIBBEAN
Preconco Limited
Barbados, West Indies

Spancrete Caribbean, Ltd.
Trinidad, West Indies

UAE
Hi-Tech Concrete Products, LLC
Abu Dhabi, UAE

MACHINE MANUFACTURER

Spancrete Machinery Corporation
Waukesha, WI

Spancrete is also manufactured in

- | | | |
|-----------|-----------|-------------|
| Armenia | Denmark | Russia |
| Australia | Guatemala | South Korea |
| Belgium | Hungary | Spain |
| Brazil | Ireland | Switzerland |
| China | Israel | |
| Croatia | Japan | |