Frami Walkway Bracket 60: Preconditions for use:

- Only use the working platform onto formwork constructions that are sufficiently safe to transfer the expected loads.
- Also brace the formwork in a windproof manner when erecting it and when it is temporarily "parked" in the standing position.
- Ensure that the formwork gang has sufficient stiffness.
- Observe all applicable safety rules.
- The scaffold planks and guardrail material (supplied and furnished by contractor) shall meet or exceed any local, state, provincial or national regulations.

When Attaching to One side of Form gang set, Ensure Sufficient Fall protection requirements are met.

Below LL & OC's Comply with the following standards:
- OSHA 1926 “Subpart L”
- CAN/CSA S26.1-16

Max. LL: Max. OC:
- 40 psf (120 kg/m²) = 7'-0" (1.8 m) oc
- 20 psf (239 kg/m²) = 4'-0" (1.22 m) oc

All brackets used must be secured against accidental lift-out (C & D below).

FALL PROTECTION WARNING: When Sufficient Fall protection Requirements can not be provided, Additional bracket 60 working platform assembly is Recommended on opposite side (as shown FIG. 2), or provided by contractor. For fall protection at walkway "bulkhead", see FIG. 3 this detail.

Less than Sufficient Fall protection requirements from top of form to top of working platform.

Working Platform & Fall Protection Details and Safety Notes

Plumbing Strut 260 Head: Strut 260, & Frami Panel Profile

Diagram above shows: All Possible Connection Points (SPACING HEAD EB) on Vertically or Horizontally placed profiles (Fig. 1, 2, 3, 4 shown above)

A. Strut 340 / 540 Connecting location
B. Pipe Brace 12'-0" - 21'-0" (US) or Eurex 60 550 Struts (CAN)
C. 3/4" x 4" Speed Bolt
D. 3/4" Speed Nut

LEGEND: Frami Components

A. Handrail Clamp or Handrail by others
B. Guardrail Planking by others (min. 2x4)
C. Guardrail Planking by others (min. 2x6)
D. Frami Bracket 60 (see above for LL and OC spacing)

LEGEND: Ref. sheet A005: Det. 4

Working Platform & Fall Protection Details and Safety Notes

Plumbing Strut 260 Head: Strut 260, & Frami Panel Profile

Ref. sheet A005: Det. 4

Frami S Conn. Profile EB on Frami Panels in Vertical position

Partial Elev. View

Partial Section

Upright Panel Position

Vertical position (Single or Stacked)

Frami S Conn. Profile EB

on Frami Panels in Horizontal position

A. Frami S Connection Profile EB
B. Strut 340 / 540 Connecting location
D. Frami Wedge Clamp
F. 3/4" x 6" Speed Bolt w/ Nut
N. Profile EB Baring & conn. note (Ref. 2C)

for general safety notes, and standard details, please refer to

A002 - Frami Walkway Bracket 60 Details

For additional information & "Operating Instructions" for additional information (at www.Doka.com)

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Doka Design & Construction
Precautions

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A004 - Bracing & Walkway Attachment Details
Frami Xlife Formwork System Standards

For general safety notes, and standard details, please refer to

A002 - Frami Walkway Bracket 60 Details

For additional information & "Operating Instructions" for additional information (at www.Doka.com)
This seal applies only to the application design of equipment provided by Doka USA Ltd. for the loading conditions as indicated herein.

Installation and dismounting

Installation

a. Nominal drill bit diameter \( \frac{1}{2} \)" (16 mm)
b. Depth of drilled hole 5 \( \frac{1}{2} \)" (135 mm) (The depth of the drilled hole b can be reduced by dimension c)
c. Max. thickness of attached part \( \frac{1}{3} \)" (15 mm)
d. Diameter of hole drilled in the attached part \( \frac{1}{4} \)" (17-25 mm)
e. Width across flanges \( \frac{1}{2} \)" (38 mm)
f. Torque \( \tau_{max} \) 133 ft-lb (180 Nm)

A Doka coil 16mm (art. no. 58603000)

Expendable part, can be used once only

B Gauge for Doka express anchor 16x125mm (art. no. 56830000)

Dismounting and check for reusability

Boundary conditions

Anchoring depth \( h_u \) 3 \( \frac{1}{2} \)" (85 mm)
Building-element thickness \( h_{sh} \) 8" (200 mm)
Distance from edge c 1-4" (400 mm)
Distance from one another s 3-11" (1200 mm)

The following simplified values may be used:
- Permitted load \( f_{perm} \), in concrete with \( f_{c, cube, current} \geq 1000 \text{ psi} \): 2.1 kip
- Permitted load \( f_{perm} \), in concrete with \( f_{c, cube, current} \geq 3500 \text{ psi} \): 3.3 kip

For general safety notes, and standard details, please refer to A002.
Typ. Filler Components & Details: Partial plan & Elevations

Ref. Legend & Details 14A to 14T

Plan View

Elevation View

Filler assembly ISO

See Waling Attachment Note: attachments not shown for clarity (Typ. all Waling types)

1 1/2" Steel Filler Detail
Ref. Detail 14T

1 1/2" Steel Filler Detail
Ref. Detail 14T

1" Steel Filler Detail
Ref. Detail 14T

2" total
1" (Typ.)

2 1/2" total
1 1/2"

3" total
1 1/2"

3 1/2" total
2"

4" total
2" x (3) (Typ.)

6" total
2" x (3) (Typ.)

2" Steel Filler Detail
Ref. Detail 14T

3" Steel Filler Detail
Ref. Detail 14T

4" Steel Filler Detail
Ref. Detail 14T

5" Steel Filler Detail
Ref. Detail 14T

6" Steel Filler Detail
Ref. Detail 14T

6" Wood Filler: 0" to 6"
Ref. Det. 14T & 14G & Legend

14A 1" Steel Filler Detail

1 1/2" Steel Filler Detail

2" Steel Filler Detail

2" total

2 1/2" total

1" total

3" total

3 1/2" total

4" total

2" x (3) (Typ.)

6" total

2" x (3) (Typ.)

2" Wood Filler

1" Steel Filler

1 1/2" Steel Filler

2" Steel Filler

3" Steel Filler

4" Steel Filler

5" Steel Filler

6" Steel Filler

Waling attachment Note: When Ganging forms (multi-stack or 9'-0" single height) All Waling's should, and can be attached to the form-rail, BEFORE Fully Removing the Form-Ties, stripping, and re-setting the gangs by crane. There is a high Risk of falling objects and harmful Injury. This precaution is ignored. Refer to Detail 20F Sht. A012.

No. Revisions

Date

Drawn

Checked

By

Approved:

Date Drawn:

Date Checked:

Revision:

Date Issued:

A008 - Steel Filler & Hardware Details

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Maximum Design Concrete Pressure = P.S.F.(U.O.N.)

Scale:

Drawn By:

Checked By:
This seal applies only to the application design of equipment provided by Doka USA Ltd. for the loading conditions as indicated herein.

NOTE: Due to space constraints from Adjustable Clamp hardware, with a stacking height of (3'-0" or 4'-0' as top form), the Waling must be positioned horizontal regardless if through panel or filler. Refer to Details 14S & 14T sheet A008.

NOTE: Adjustable Clamp (10.2cm to 25.4cm) Ref. Legend

Universal Waling at Angle

<table>
<thead>
<tr>
<th>Panel Height</th>
<th>Qty. of Frami Clips Per piece</th>
</tr>
</thead>
<tbody>
<tr>
<td>3'-0&quot; (91.4cm)</td>
<td>2</td>
</tr>
<tr>
<td>4'-0&quot; (121.9cm)</td>
<td>2</td>
</tr>
<tr>
<td>6'-0&quot; (182.9cm)</td>
<td>3</td>
</tr>
<tr>
<td>9'-0&quot; (274.3cm)</td>
<td>4</td>
</tr>
</tbody>
</table>

Elevation: Job built filler 4" to 10"

Elevation: Job built filler 10" to 20"

See Waling Attachment Note: Attachments not shown for clarity (Typ. all Waling types)

Waling attachment Note: When Ganging forms (multi stack of 9'-0" single height) All Waling's should, and can-be attached to the form-rail, BEFORE Fully Removing the Form-Ties, stripping, and re-setting the gangs by crane. There is a high risk of falling objects and harmful injury if this precaution is ignored.

Legend:

A Frami S Filler Angle 3/4"
B Frami Clip (Ref. Chart 16F this sheet)
C 3/4" Plywood by others
D 2x4 (Nom.) Lumber cut to: x 2 3/4" (plan length)
E Frami Universal Waling 0.70m + 1.25m
F Wedge Clamp
G Form-Tie (see sh.t. A007)
H Framax Water 1.50m
I Universal Fixing Bolt 5-12cm
J Super-plate 15.0
K Frami Adjustable Clamp

Maximum Design Concrete Pressure = P.S.F.(U.O.N.)
Panel Height | In Zone "X1" (panel joints within 6'-0" (1.8m) of a Bulkhead) | In Zone "X2" (panel joints between 6'-0" (1.8m) & 10'-0" (3.0m) away from an outside corner)
---|---|---
3'-0" (91.4cm) | 2 | 2
4'-0" (121.9cm) | 2 + 1: 3 total | 2
6'-0" (182.9cm) | 2 + 2: 4 total | 2 + 1: 3 total
9'-0" (274.3cm) | 3 + 3: 6 total | 3 + 1: 4 total

Extra Clamps Near Angled & 90° Corners: >12" - 24" max. wall Thickness

Panel Height | In Zone "X1" (panel joints within 6'-0" (1.8m) of a Bulkhead) | In Zone "X2" (panel joints between 6'-0" (1.8m) & 10'-0" (3.0m) away from an outside corner)
---|---|---
3'-0" (91.4cm) | 2 | 2
4'-0" (121.9cm) | 2 + 1: 3 total | 2
6'-0" (182.9cm) | 2 + 2: 4 total | 2 + 1: 3 total
9'-0" (274.3cm) | 3 + 3: 6 total | 3 + 1: 4 total

Extra Clamps @ Bulkheads: a ... 24" Max. Bulkhead

Panel Height | In Zone "X1" (panel joints within 6'-0" (1.8m) of a Corner) | In Zone "X2" (panel joints between 6'-0" (1.8m) & 10'-0" (3.0m) away from an outside corner)
---|---|---
3'-0" (91.4cm) | 2 | 2
4'-0" (121.9cm) | 2 | 2
6'-0" (182.9cm) | 2 + 1: 3 total | 2 + 1: 3 total
9'-0" (274.3cm) | 3 + 3: 6 total | 3 + 1: 4 total

Note: Addl. clamps are required on WPFAI joints at corner & bulkhead conditions where Tensile loads occur. Thus Noted as ( ) on working dwgs. Ref. sheet A002. Examples on this sheet are for 9'-0" Form Ht.

Panel Height | In Zone "X1" (panel joints within 6'-0" (1.8m) of a corner) | In Zone "X2" (panel joints between 6'-0" (1.8m) & 10'-0" (3.0m) away from an outside corner)
---|---|---
3'-0" (91.4cm) | 2 | 2
4'-0" (121.9cm) | 2 | 2
6'-0" (182.9cm) | 2 + 2: 4 total | 2 + 1: 3 total
9'-0" (274.3cm) | 3 + 3: 6 total | 3 + 1: 4 total

This seal applies only to the application of equipment provided by Doka USA Ltd. for the loading conditions as indicated herein.

For general safety notes, and standard details, please refer to sheet(s): A002. Please note * in the corresponding "User Information" & "Operating Instructions" for additional information: @ www.Doka.com

For general safety notes, and standard details, please refer to sheet(s): A002.
This seal applies only to the application design of equipment provided by Doka USA Ltd. for the loading conditions as indicated herein.

See Detail 17 to 17B sh. A010: Increased Tensile load Info.

Waling attachment Note: When Ganging forms (multi stack or 9'-0" single height) All Waling’s should, and can-be, attached to form BEFORE Fully Removing the Form-Ties, stripping, and re-setting the gangs. There is a high Risk of falling objects, and harmful injury, if this precaution is ignored. (as shown below & FIG. 3 this detail).

Waling Connection Details: Universal Frami or Framax waler - Side views, and Inside / Outside Corner partial elevations

Single 9'-0' Form Ht. example shown

Frami S Xlife Formwork System Standards

Download @ www. Doka.com

Note: Frami Universal Form does not have Form-Tie holes.

Form-Tie (Shown in Gang Stripping Sequence)
Frami Universal waling (0.70 or 1.25m)
Frami Wedge Clamp
FRAMAX Universal Waling 1.50m
Universal Fixing Bolt 5-12cm
Super-plate 15.0
Frami clamp
Form-Tie or Fixing Bolt + Super-plate (as.)

Universal 9'-0' (2.74m) panel - Form Panel Height

Note: Holes are Measured & Counted from Side Rail of Form, Closest to outside corner face.

- 6" min. - 24" max.
- 6" min. 20" max.

Form-Hole

Position

(inches)

b ... wall thickness inches (metric +/-)

Hole (1) = 2" 
20" (50.80cm) wall
Hole (2) = 4" 
18" (45.7cm) wall
Hole (3) = 6" 
16" (40.64cm) wall
Hole (4) = 8" 
14" (35.6cm) wall
Hole (5) = 10" 
12" (30.5cm) wall
Hole (6) = 12" 
10" (25.4cm) wall
Hole (7) = 14" 
8" (20.32cm) wall
Hole (8) = 16" 
6" (15.2cm) wall

a  ... 6" min. - 24" max.

b  ... 6" min. 20" max.

See Detail 17 to 17B sh. A010: Increased Tensile load Info.
**IMPERIAL**

- **3'-0" Panel**
- **2'-6" Panel**
- **2'-0" Panel**
- **1'-6" Panel**
- **1'-0" Panel**

**METRIC**

- **6" Panel / JBF**
- **5 1/2" JBF**
- **5" JBF**
- **4 1/2" JBF**
- **4" JBF**
- **3 1/2" JBF**
- **3" JBF**
- **2 1/2" JBF**
- **2" JBF**
- **1 1/2" JBF**
- **1" JBF**
- **1/2" JBF**

---

**Pilaster Form Details: Max. 24" Depth**

- **A** Frami S Xlife Pilaster Panel (Det. 21)
- **B + C** Frami univ. fixing bolt 5-12cm + Super-Plate 15.0
- **D** Frami Xlife panel 2'-0" max. to 1'-0" min.
- **E** Frami S Xlife panel > 6" (with-out FILLER or J.B.F.)
- **F** Form-Tie System: Min. 2.75" distance from pilaster face

---

**Pilaster Form Connection Diagram & Dims. (Plan-View)**

- **a**...24" (61.0cm)
- **b**...6" (40.6cm)
- **c**...24" (61.0cm) - 12" (30.5cm)
- **d**...>12" - 20"

---

**Pilaster Form Detail: >12" up to 20" Depth**

- **a**...24" (61.0cm) - 12" (30.5cm)
- **b**...12" (30.5cm) - 24" (61.0cm) shown

---

**Partial Pilaster Elevation: 9'-0" Form Ht.**

---

For general safety notes, and standard details, please refer to sheet(s): A002

Please refer to the Corresponding "User Information" & "Operating Instructions" for additional information: @ www.Doka.com

---

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**A013 - Pilaster Details**

Frami S Xlife Formwork System Standards

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**For general safety notes, and standard details, please refer to sheet(s): A002**

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**Please refer to the Corresponding "User Information" & "Operating Instructions" for additional information: @ www.Doka.com**

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For general safety notes, and standard details, please refer to sheet(s): A002

---

Please refer to the Corresponding "User Information" & "Operating Instructions" for additional information: @ www.Doka.com

---

For general safety notes, and standard details, please refer to sheet(s): A002

---

Please refer to the Corresponding "User Information" & "Operating Instructions" for additional information: @ www.Doka.com

---

For general safety notes, and standard details, please refer to sheet(s): A002

---

Please refer to the Corresponding "User Information" & "Operating Instructions" for additional information: @ www.Doka.com
T-Wall w/ Pilaster Forms: Up to 30" (76.2cm) max.

- **A**: Frami S Xlife Inside Corner (I.C.)
- **B**: Frami Clamp OR Adjustable Clamp
- **C**: Frami S Xlife panel x 3"-0" max. (2'-6" min.)
- **D**: FORM-TIE MUST BE ON INSIDE CORNER LOCATION
- **E**: Frami Universal Waling 0.70m + Wedge Clamp

T-Wall w/ Inside Corners: Up to 20" (50.8cm)

- **A**: Frami S Xlife Inside Corner (I.C.)
- **B**: FORM-TIE MUST BE ON INSIDE CORNER LOCATION
- **C**: Frami S Xlife panel x 1'-6" wide
- **D**: FORM-TIE LOCATION CLOSEST TO CORNER
- **E**: WS10 Waling x 6'-0" (Ref. Det. 22D)

T-Wall w/ Inside Corners: Up to 30" (76.2cm)

- **A**: Frami S Xlife Inside Corner (I.C.)
- **B**: FORM-TIE MUST BE ON INSIDE CORNER LOCATION
- **C**: Frami S Xlife panel x 1'-6" wide
- **D**: FORM-TIE LOCATION CLOSEST TO CORNER
- **E**: WS10 Waling x 6'-0" (Ref. Det. 22D)

T-Wall w/ Pilaster Forms: Up to 30" (76.2cm)

- **A**: Frami S Xlife Pilaster Panel
- **B**: FORM-TIE MUST BE ON PILASTER LOCATION
- **C**: Frami Steel Filler (2" each side of 3'-0")
- **D**: FORM-TIE MUST BE on waling 1.25m
- **E**: Frami Universal Waling 1.25m

WS10 Steel Waler x 6'-0" length

- Frami Universal waling 1.25m (4'-1" Nom.)
- Frami wedge clamp
- Fixing bolt + Super-plate
- Frami Clamp

Form-Tie or Fixing Bolt + Super-plate (as.)

Legend

<table>
<thead>
<tr>
<th>Imperial</th>
<th>Metric</th>
</tr>
</thead>
<tbody>
<tr>
<td>3'-0&quot; Panel</td>
<td>91.4cm</td>
</tr>
<tr>
<td>2'-0&quot; Panel</td>
<td>61.0cm</td>
</tr>
<tr>
<td>1'-6&quot; Panel</td>
<td>45.7cm</td>
</tr>
<tr>
<td>1'-0&quot; Panel</td>
<td>30.5cm</td>
</tr>
<tr>
<td>0.5&quot; Jbf</td>
<td>12.7cm</td>
</tr>
<tr>
<td>1&quot; Jbf</td>
<td>25.4cm</td>
</tr>
<tr>
<td>1 1/2&quot; Jbf</td>
<td>38.1cm</td>
</tr>
<tr>
<td>2&quot; Jbf</td>
<td>50.8cm</td>
</tr>
<tr>
<td>2 1/2&quot; Jbf</td>
<td>63.5cm</td>
</tr>
<tr>
<td>3&quot; Jbf</td>
<td>76.2cm</td>
</tr>
<tr>
<td>3 1/2&quot; Jbf</td>
<td>88.9cm</td>
</tr>
<tr>
<td>4&quot; Jbf</td>
<td>101.6cm</td>
</tr>
<tr>
<td>4 1/2&quot; Jbf</td>
<td>104.8cm</td>
</tr>
<tr>
<td>5&quot; Jbf</td>
<td>127cm</td>
</tr>
<tr>
<td>Super plate</td>
<td>15.2cm</td>
</tr>
</tbody>
</table>

Waling attachment Note: When Ganging forms (multi stack or 0'-6" single height), use Waling's should, and can be attached to the form rail, BEFORE Fully Removing the Form-Tie, stripping, and re-setting the gangs by crane. There is a high Risk of falling objects and harmful injury if this precaution is ignored! Carefully refer to details A014 & A015.
This seal applies only to the application design of equipment provided by Doka USA Ltd. for the loading conditions as indicated herein.

See Details 17 to 17B on sht. A010

At Angled Corners (Ref. Hardware Charts this detail)

Note: Form-Tie @ Inside corner (Det. 10 sht. A007) Must be field cut with precision to avoid adjacent form-tie interference.

D. Frami Clamp (STAGGERED @ I.S.)
G. Form-Tie (Det. 10 sht. A007)

Partial Plan Layout

Partial Plan Layout

Partial Plan Layout (Inside Hinged Corners @ Both Sides)

UPRIGHT (Vertical) Panel Height: Imperial (Metric)
3'-0" (91.4cm) 4 + (1) if Filler at O.S. Corner
4'-0" (121.9cm) 4 + (1) if Filler at O.S. Corner
6'-0" (182.9cm) 4 + (1) if Filler at O.S. Corner
9'-0" (274.3cm) 8 + (1) if Filler at O.S. Corner

Panel width up to 2'-0" (61.0cm)
3'-0" (91.4cm) 4" 6" 12" (10.2cm)
4'-0" (121.9cm) 8" (20.3cm)
6'-0" (182.9cm) 8" (20.3cm)
9'-0" (274.3cm) 12" (30.5cm)

Panel width up to 3'-0" (91.4cm)
3'-0" (91.4cm) 4" 6" (10.2cm)
4'-0" (121.9cm) 8" (20.3cm)
6'-0" (182.9cm) 8" (20.3cm)
9'-0" (274.3cm) 12" (30.5cm)

Chart: Qty. of Walings at O.S. or I.S. hinged corner SET (2) Vertical Joints, (above) (1) sht. A008 & A009

Legend

A. Frami S Hinged Outside Corner
B. Frami S Hinged INSIDE Corner
C. Frami S Xlife Panel (Detail & working dwgs.)
D. Frami Clamp (sht. A007)
E. Frami Universal Walings 0.70
F. Frami Wedge Clamp
G. FORM-TIE THRU HINGED INSIDE CORNER
H. Steel or J.B.F. Filler (See Sht. A008 & A009)

Component

For general safety notes, and standard details, please refer to sheet(s): A002

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A015 - Hinged (Angled) Corner Details

Frami S Xlife Formwork System Standards
For general safety notes, and standard details, please refer to sheet(s): A002

See Detail 25 & 25D on sht. A016 for Partial Plan Assembly

A016 - Bulkhead Elevation Details
Frami S Xlife Formwork System Standards

Panel Height: Imperial
3'-0" (91.4cm)
4'-0" (121.9cm)
6'-0" (182.9cm)
9'-0" (274.3cm)

Panel Height: Metric
0.9" (23cm)
1.2" (30.5cm)
1.8" (45.7cm)
2.7" (69.2cm)

Frami S Xlife Panel & Job Built Filler
Width Chart:

Panel Height: Imperial
3'-0" Panel (91.4cm)
2'-6" Panel (76.2cm)
2'-0" Panel (61.0cm)
1'-6" Panel (45.1cm)
1'-0" Panel (30.5cm)
0'-6" Panel or JBF (15.2cm)

Panel Height: Metric
3'-0" (91.4cm)
4'-0" (121.9cm)
6'-0" (182.9cm)
9'-0" (274.3cm)

A Frami S Universal Waling 0.70m
B Univ. Fixing Bolt 5-12cm + Superslide 15.0mm
C Frami S Universal Waling 1.25m
D FRAMAX UNIV. WILING 1.50m
E Stop-End Water Tie
F Lumber Bulkhead by others, min. 6"

Max. Design Concrete Pressure = P.S.F.(U.O.N.)

For framing information and operating instructions, please refer to detail plan in the drawings.
Download @ www.doka.com

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Reference: PM10-101

Panel Height: METRIC
3'-0" Panel (91.4cm)
2'-6" Panel (76.2cm)
2'-0" Panel (61.0cm)
1'-6" Panel (45.1cm)
1'-0" Panel (30.5cm)
0'-6" Panel or JBF (15.2cm)

Panel Height: IMPERIAL
3'-0" Panel (91.4cm)
2'-6" Panel (76.2cm)
2'-0" Panel (61.0cm)
1'-6" Panel (45.1cm)
1'-0" Panel (30.5cm)
0'-6" Panel or JBF (15.2cm)

Frami S Xlife Panel & Job Built Filler
Width Chart:

Panel Height: Imperial
3'-0" Panel (91.4cm)
2'-6" Panel (76.2cm)
2'-0" Panel (61.0cm)
1'-6" Panel (45.1cm)
1'-0" Panel (30.5cm)
0'-6" Panel or JBF (15.2cm)

Panel Height: Metric
3'-0" (91.4cm)
4'-0" (121.9cm)
6'-0" (182.9cm)
9'-0" (274.3cm)

For framing information and operating instructions, please refer to detail plan in the drawings.
Download @ www.doka.com

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Reference: PM10-101

These notes apply only to the application design of equipment provided by Doka USA Ltd. for the loading conditions as indicated herein.
This seal applies only to the application

design of equipment provided by Doka

USA Ltd. for the loading conditions as

indicated herein.

Overlap using Frami S Xlife Panel

27

Overlap using Frami Universal Panel

27A

Overlap using Lumber: by others

27B

Overlap using Frami Universal Panels

27C

T-Wall using Frami Universal Panels

27D

T-Wall using Frami S Xlife Panel

27E

T-Wall using Lumber: by others

27F

Corners using Frami Panel + Lumber

27G

Corners using Lumber: by others

27H

This seal applies only to the application
design of equipment provided by Doka

USA Ltd. for the loading conditions as

indicated herein.
Partial Side View at Stacking Form Joint (Horiz.)

**Panel Stacking Detail: Framax**

- **A** Frami Universal Waling 1.50m
- **B** Frami Wedge Clamp
- **C** Frami Clamp

Universal Waling 1.50m (4'-11'"

**Panel Stacking Detail: Waling Panel**

- **D** Framax Waling 1.50m
- **E** Univ. Fixing Bolt 5-12cm
- **F** Super-plate 15.0

**Panel Stacking Detail: WS10**

- **G** WS10 x 6'-0" (1.82m) waling
- **H** Dbl. C5 Channel x 10'-0" (U.O.N. as 16'-0" (4.87m) length (see working dwgs.)

**NOTE:**

- One Dbl. C5 assembly per EACH PANEL [1'-6" (45.7cm) min. to 3'-0" (76.2cm)] up to a 9'-0" (2.74m) wide gang!
Operating the Bias-Cut Corner I

**Setting Position:**
1. Pull out the Coupling Bolt (A)
2. Maneuver the B.C.C. into place so that it is flush with the one below it.
3. Push the Coupling Bolt (A) back into position.
4. Bolt the B.C.C. together with (2) Hex. Bolts (C).

**Operational Order:**

**Operating Order:**
1. Pull out the Coupling Bolt (A).
2. Maneuver the B.C.C. into place so that it is flush with the one below it.
3. Push the Coupling Bolt (A) back into position.
4. Bolt the B.C.C. together with (2) Hex. Bolts (C).

**Stripping:**
1. Shift the Change-Over Lever (C) into the “L” position.
2. Turn the Ratchet for STRIPPING.
3. Pull out the Clamping Hook.
4. Release the B.C.C. from the Formwork unit.

**Resetting by Crane:**
1. Using a Formwork Hammer
2. Using a Ratchet
3. Shift the Change-Over Lever (C) into the “L” position.
4. Turn the Ratchet for STRIPPING.
5. Pull out the Clamping Hook.
6. Release the B.C.C. from the Formwork unit.

**Warning:**
- The Crane Hook on the Bias-Cut Corner I is NOT allowed to be used for LIFTING the SHAFT FORMWORK.
- The Shaft Formwork may ONLY be RESET using LIFTING HOOKS.
- MAX PERMITTED WEIGHT OF THE SHAFT FORMWORK (SINGLE LIFTING UNIT): 4,400 lbs with (4) Frami Lifting hooks.

**For achieving a better Center of Gravity of Picking (eg. Large Ganges), a Lifting Beam, or Bracket may be used.**

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**Operating the Bias-Cut Corner I**

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3. Shift the Change-Over Lever (C) into the “L” position.
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