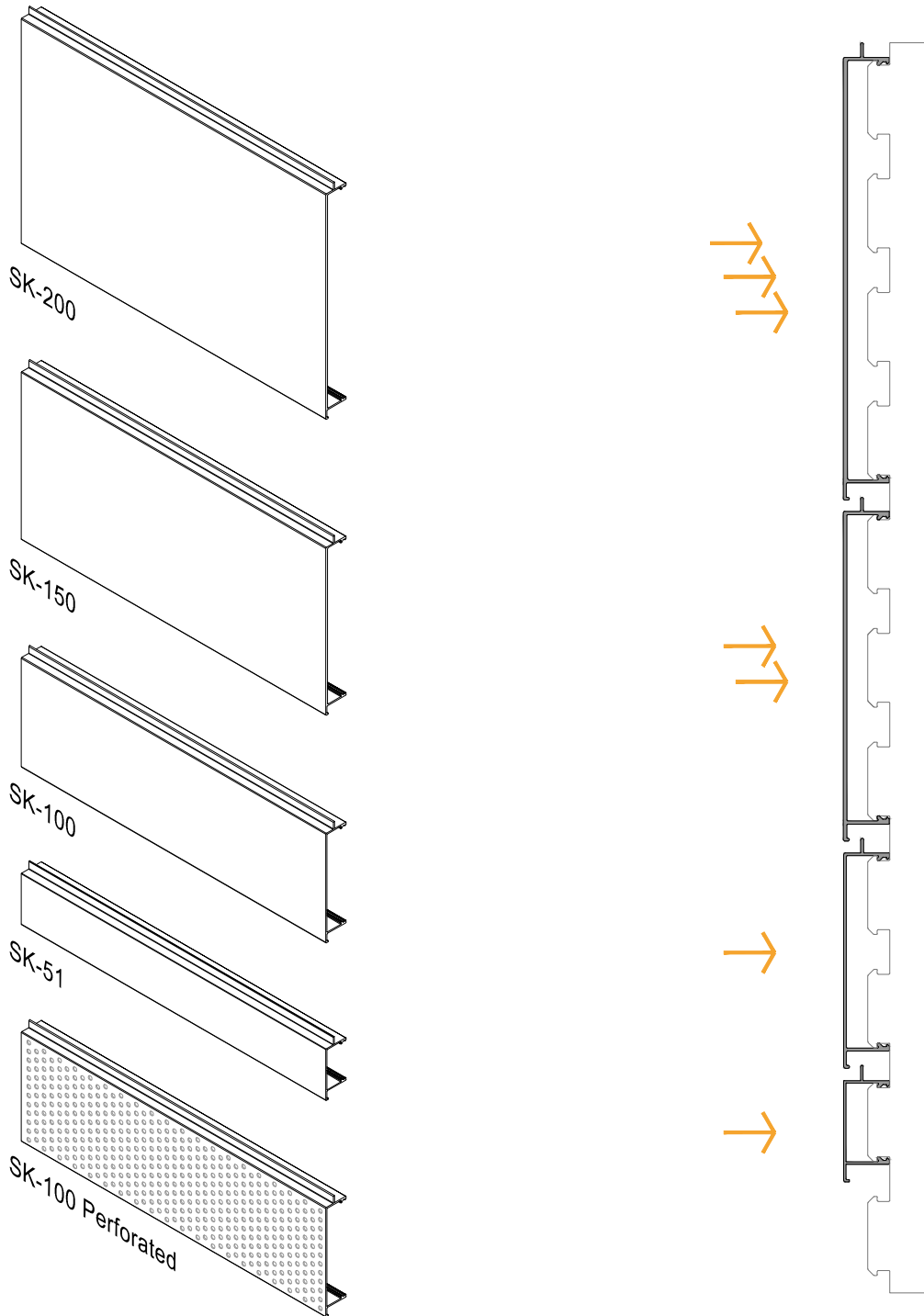


SKIN WALL

SLAT OPTIONS AND COMBINATIONS



Technical department Simpleyfacil®
Specification workshop

Project:
Location:
Authorization:

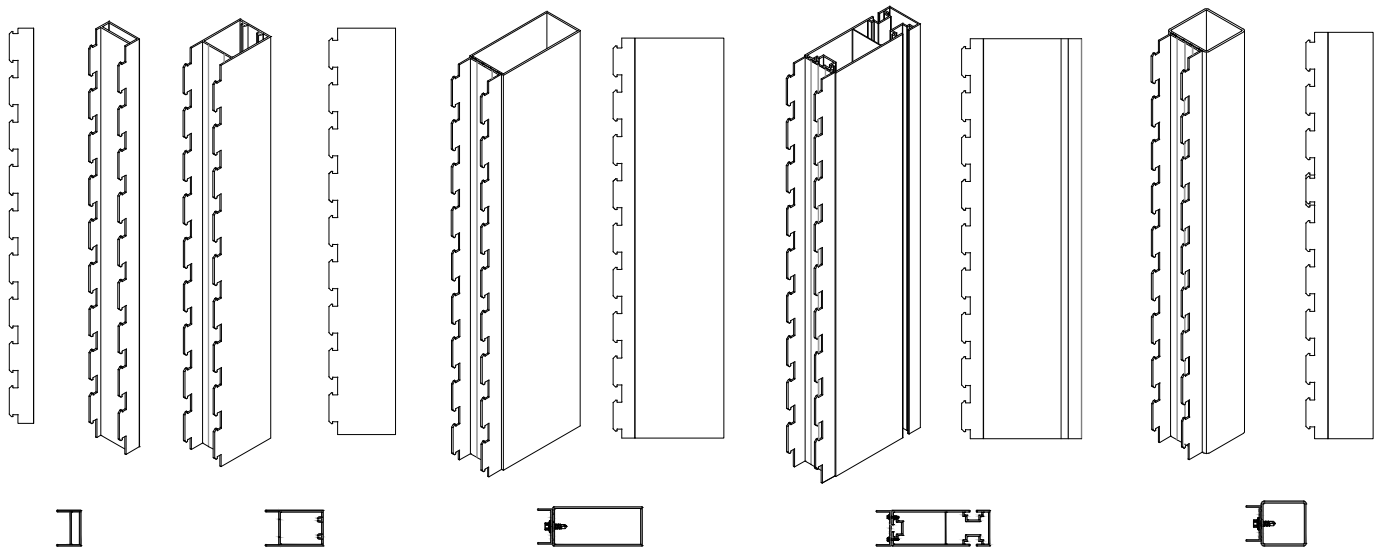
Revision:
Revision:
Date: May 2021
Dimensions: mm. (in.)



SKIN WALL

SELECTION OF SUPPORTS ACCORDING TO THE SEPARATION BETWEEN ANCHORS

Page 02-13



A

Option
Die cut SW1

B

Option
Die cut SW1

C

Option
Die cut SW1

D

Option
Die cut SW1

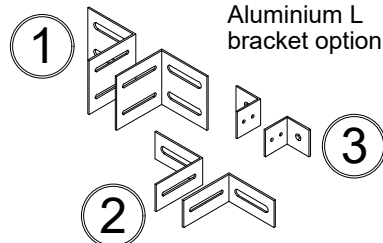
E

Option
Die cut SW1

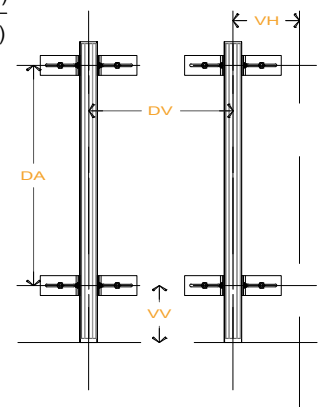
Distances for installation of structural supports

Nm	Structural support options	Maximum distance (DA)	Maximum distance (DV)
A	Basic RM profile, wall covering	1300 mm. (51.18 in.)	1000 mm. (39.37 in.)
B	(T) support with die cut area 65X40 (2.55x1.57 in.)	2200 mm. (86.61 in.)	1000 mm.
C	Basic support with adapter profile 100X44 (3.93x1.73 in.)	3300 mm. (129.92 in.)	1000 mm.
D	Basic facade support with adapter profile 110X40 (4.33x1.57 in.)	4000 mm. (157.48 in.)	1000 mm.
E	Adapter profile anchored to construction site	>4000 mm.	1000 mm.

- 1 Aluminium L bracket 4 x 4 x 1/4"
- 2 Aluminium L bracket 2 X 4 x 1/4"
- 3 Aluminium L bracket 2 X 2 x 1/4"



Aluminium L
bracket option



Nm Structural support options

DA Maximum distance between anchors of brackets

DV Maximum distance between structural supports

VV Maximum vertical cantilever (support) 500 mm. (19.65 in.)

VH Maximum horizontal cantilever (slat) 200 mm. (7.87 in.)

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Revision:

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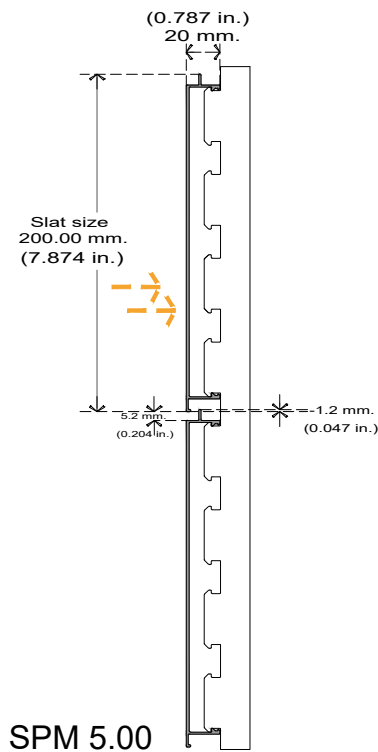
Dimensions: mm. (in.)

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SKIN WALL

SPECIFICATION PARAMETERS AND TEST SK-200

Page 03-13



Number of slats per meter (SPM)

5.00

Clearance between slats	5.2 mm. (0.204 in.)
Free area (%)	2.08%
Wind load resistance	N.T
Water infiltration (%)	N.T
DA Maximum distance between anchors of brackets Basic RM profile, wall covering	1300 mm (51.18 in.)
DA Maximum distance between anchors of brackets (T) support 65 x 40	2200 mm (86.61 in.)
DA Maximum distance between anchors of brackets Basic support with adapter profile 76 x 44	2700 mm (106.29 in.)
DA Maximum distance between anchors of brackets Basic support with adapter profile 100 x 44	3300 mm (129.92 in.)
DA Maximum distance between anchors of brackets Basic support with adapter profile 110 x 40	4000 mm (157.48 in.)
DV Maximum distance between structural supports	1000 mm (39.37 in.)
Air pressure drop (K value)	N.T
Thermal resistance (R value)	N.T
Thermal transmittance (U value)	N.T
Emittance according to ASTM C 1371 / Clear anodized and raw aluminium	0.645
Reflectance according to ASTM C 1549 / Clear anodized and raw aluminium	0.759
Accelerated aging to ASTM G151 / Clear anodized and raw aluminium	N.T

Extruded aluminium alloy 6063, tempering T5, post-consumption content 51.60%, pre-consumption content 13.70% Snap-on anchored slats to vertical supports, without screws to avoid risk of oxidation

*N.T: Test not performed

Technical department Simpleyfacil®

Specification workshop

Project:

Location:

Authorization:

Revision:

Revision:

Date: May 2021

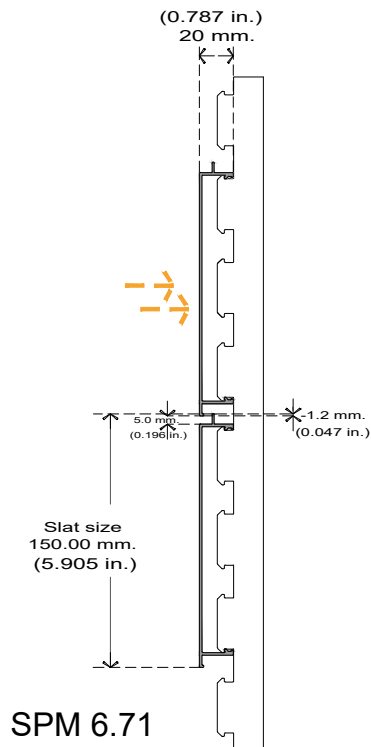
Dimensions: mm. (in.)



SKIN WALL

SPECIFICATION PARAMETERS AND TEST SK-150

Page 04-13



Number of slats per meter (SPM)

6.71

Clearance between slats	5.2 mm. (0.204 in.)
Free area (%)	2.97 %

Wind load resistance	N.T
----------------------	-----

Water infiltration (%)	N.T
--------------------------	-----

DA Maximum distance between anchors of brackets Basic RM profile, wall covering	1300 mm (51.18 in.)
DA Maximum distance between anchors of brackets (T) support 65 x 40	2200 mm (86.61 in.)
DA Maximum distance between anchors of brackets Basic support with adapter profile 76 x 44	2700 mm (106.29 in.)
DA Maximum distance between anchors of brackets Basic support with adapter profile 100 x 44	3300 mm (129.92 in.)
DA Maximum distance between anchors of brackets Basic support with adapter profile 110 x 40	4000 mm (157.48 in.)
DV Maximum distance between structural supports	1000 mm (39.37 in.)

Air pressure drop (K value)	N.T
------------------------------	-----

Thermal resistance (R value)	N.T
------------------------------	-----

Thermal transmittance (U value)	N.T
---------------------------------	-----

Emittance according to ASTM C 1371 / Clear anodized and raw aluminium	0.645
---	-------

Reflectance according to ASTM C 1549 / Clear anodized and raw aluminium	0.759
---	-------

Accelerated aging to ASTM G151 / Clear anodized and raw aluminium	N.T
---	-----

Extruded aluminium alloy 6063, tempering T5, post-consumption content 51.60%, pre-consumption content 13.70% Snap-on anchored slats to vertical supports, without screws to avoid risk of oxidation

*N.T: Test not performed

Technical department Simpleyfacil®

Specification workshop

Project:

Location:

Authorization:

Revision:

Revision:

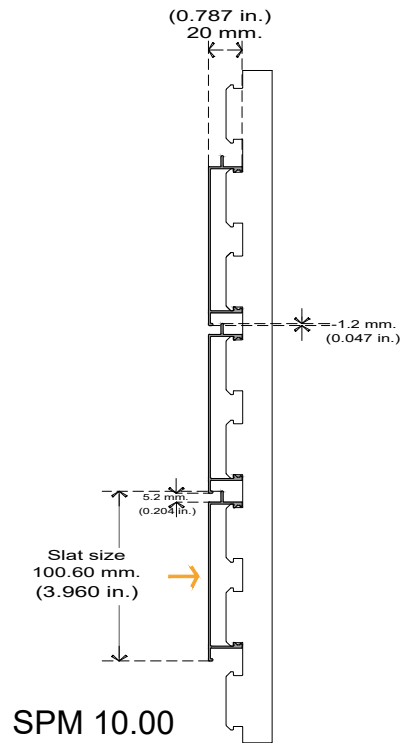
Date: May 2021

Dimensions: mm. (in.)



SKIN WALL

SPECIFICATION PARAMETERS AND TEST SK-100



Number of slats per meter (SPM)

10.00

Clearance between slats	5.2 mm. (0.204 in.)
Free area (%)	4.68 %
Wind load resistance	N.T
Water infiltration (%)	N.T
DA Maximum distance between anchors of brackets Basic RM profile, wall covering	1300 mm (51.18 in.)
DA Maximum distance between anchors of brackets (T) support 65 x 40	2200 mm (86.61 in.)
DA Maximum distance between anchors of brackets Basic support with adapter profile 76 x 44	2700 mm (106.29 in.)
DA Maximum distance between anchors of brackets Basic support with adapter profile 100 x 44	3300 mm (129.92 in.)
DA Maximum distance between anchors of brackets Basic support with adapter profile 110 x 40	4000 mm (157.48 in.)
DV Maximum distance between structural supports	1000 mm (39.37 in.)
Air pressure drop (K value)	N.T
Thermal resistance (R value)	N.T
Thermal transmittance (U value)	N.T
Emittance according to ASTM C 1371 / Clear anodized and raw aluminium	0.645
Reflectance according to ASTM C 1549 / Clear anodized and raw aluminium	0.759
Accelerated aging to ASTM G151 / Clear anodized and raw aluminium	N.T

Extruded aluminium alloy 6063, tempering T5, post-consumption content 51.60%, pre-consumption content 13.70% Snap-on anchored slats to vertical supports, without screws to avoid risk of oxidation

*N.T: Test not performed

Technical department Simpleyfacil®

Specification workshop

Project:

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Revision:

Date: May 2021

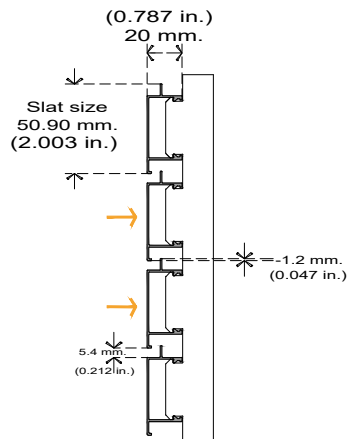
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SKIN WALL

SPECIFICATION PARAMETERS AND TEST SK-51

Page 06-13



SPM 19.61

Number of slats per meter (SPM)

19.61

Clearance between slats	5.4 mm. (0.212 in.)
Free area (%)	10.05%
Wind load resistance	N.T
Water infiltration (%)	N.T
DA Maximum distance between anchors of brackets Basic RM profile, wall covering	1300 mm (51.18 in.)
DA Maximum distance between anchors of brackets (T) support 65 x 40	2200 mm (86.61 in.)
DA Maximum distance between anchors of brackets Basic support whith adapter profile 76 x 44	2700 mm (106.29 in.)
DA Maximum distance between anchors of brackets Basic support whith adapter profile 100 x 44	3300 mm (129.92 in.)
DA Maximum distance between anchors of brackets Basic support whith adapter profile 110 x 40	4000 mm (157.48 in.)
DV Maximum distance between structural supports	1000 mm (39.37 in.)
Air pressure drop (K value)	N.T
Thermal resistance (R value)	N.T
Thermal transmittance (U value)	N.T
Emittance according to ASTM C 1371 / Clear anodized and raw aluminium	0.645
Reflectance according to ASTM C 1549 / Clear anodized and raw aluminium	0.759
Accelerated aging to ASTM G151 / Clear anodized and raw aluminium	N.T

Extruded aluminium alloy 6063, tempering T5, post-consumption content 51.60%, pre-consumption content 13.70% Snap-on anchored slats to vertical supports, without screws to avoid risk of oxidation

*N.T: Test not performed

Technical department Simpleyfacil®

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Revision:

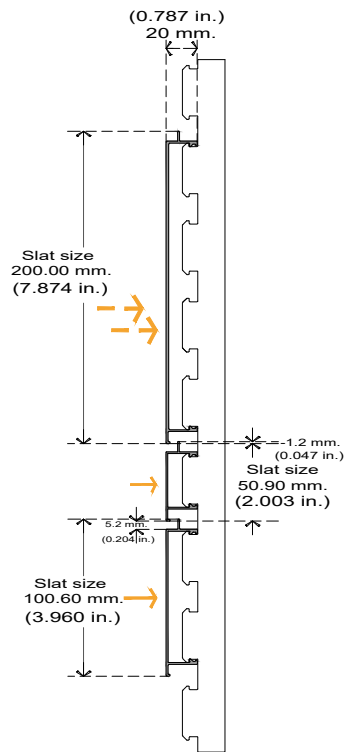
Date: May 2021

Dimensions: mm. (in.)



SKIN WALL

SPECIFICATION PARAMETERS AND TEST COMBINED SLATS



Number of slats per meter (SPM)

Wind load resistance	N.T
Water infiltration (%)	N.T
DA Maximum distance between anchors of brackets Basic RM profile, wall covering	1300 mm (51.18 in.)
DA Maximum distance between anchors of brackets (T) support 65 x 40	2200 mm (86.61 in.)
DA Maximum distance between anchors of brackets Basic support whith adapter profile 76 x 44	2700 mm (106.29 in.)
DA Maximum distance between anchors of brackets Basic support whith adapter profile 100 x 44	3300 mm (129.92 in.)
DA Maximum distance between anchors of brackets Basic support whith adapter profile 110 x 40	4000 mm (157.48 in.)
DV Maximum distance between structural supports	1000 mm (39.37 in.)
Air pressure drop (K value)	N.T
Thermal resistance (R value)	N.T
Thermal transmittance (U value)	N.T
Emittance according to ASTM C 1371 / Clear anodized and raw aluminium	0.645
Reflectance according to ASTM C 1549 / Clear anodized and raw aluminium	0.759
Accelerated aging to ASTM G151 / Clear anodized and raw aluminium	N.T

Extruded aluminium alloy 6063, tempering T5, post-consumption content 51.60%, pre-consumption content 13.70% Snap-on anchored slats to vertical supports, without screws to avoid risk of oxidation

*N.T: Test not performed

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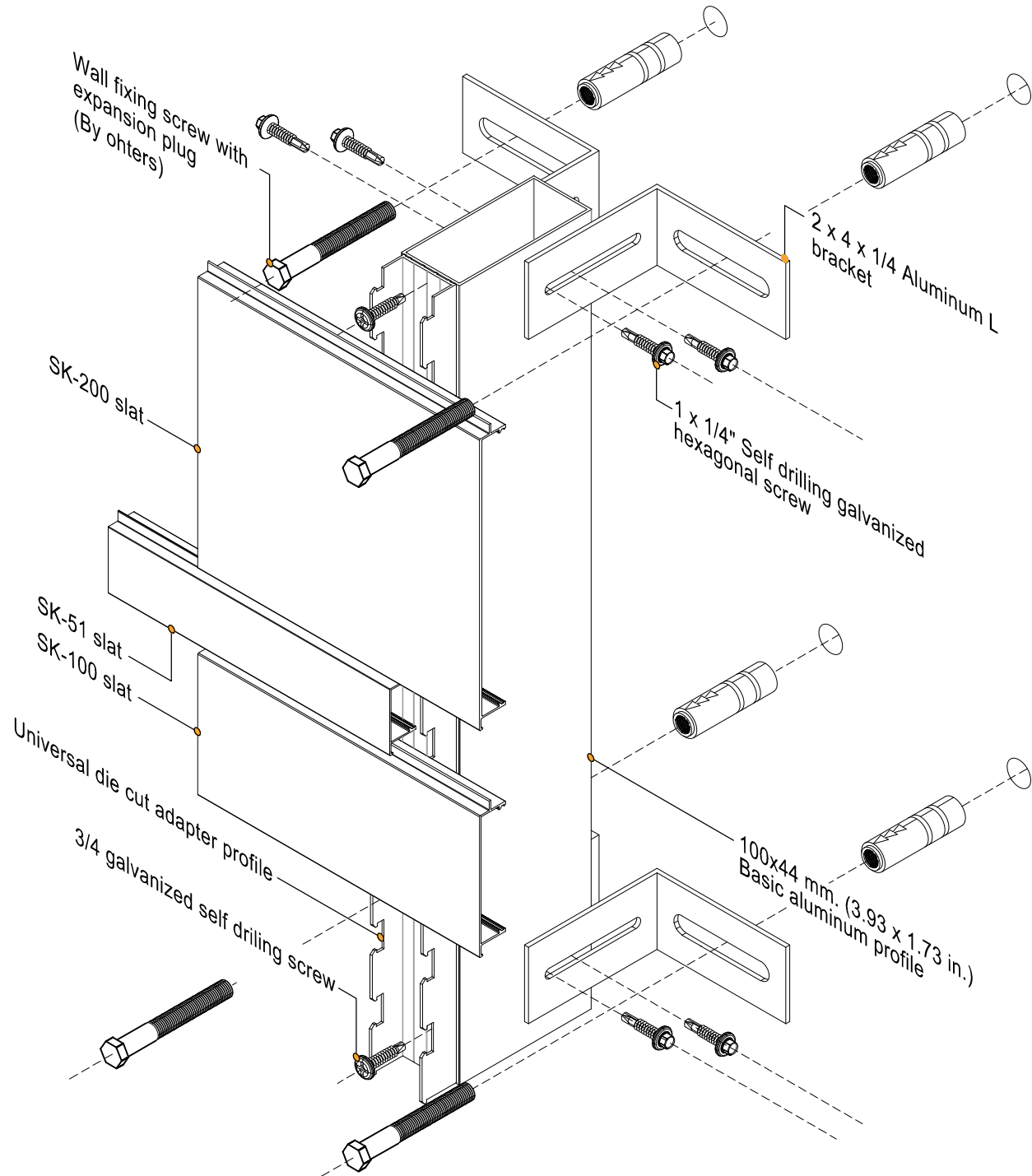
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SKIN WALL

ANCHORING TO SLABS WITH STRUCTURAL SUPPORT 100 X 44 mm. (3.93X1.73 in.)

Page 08-13



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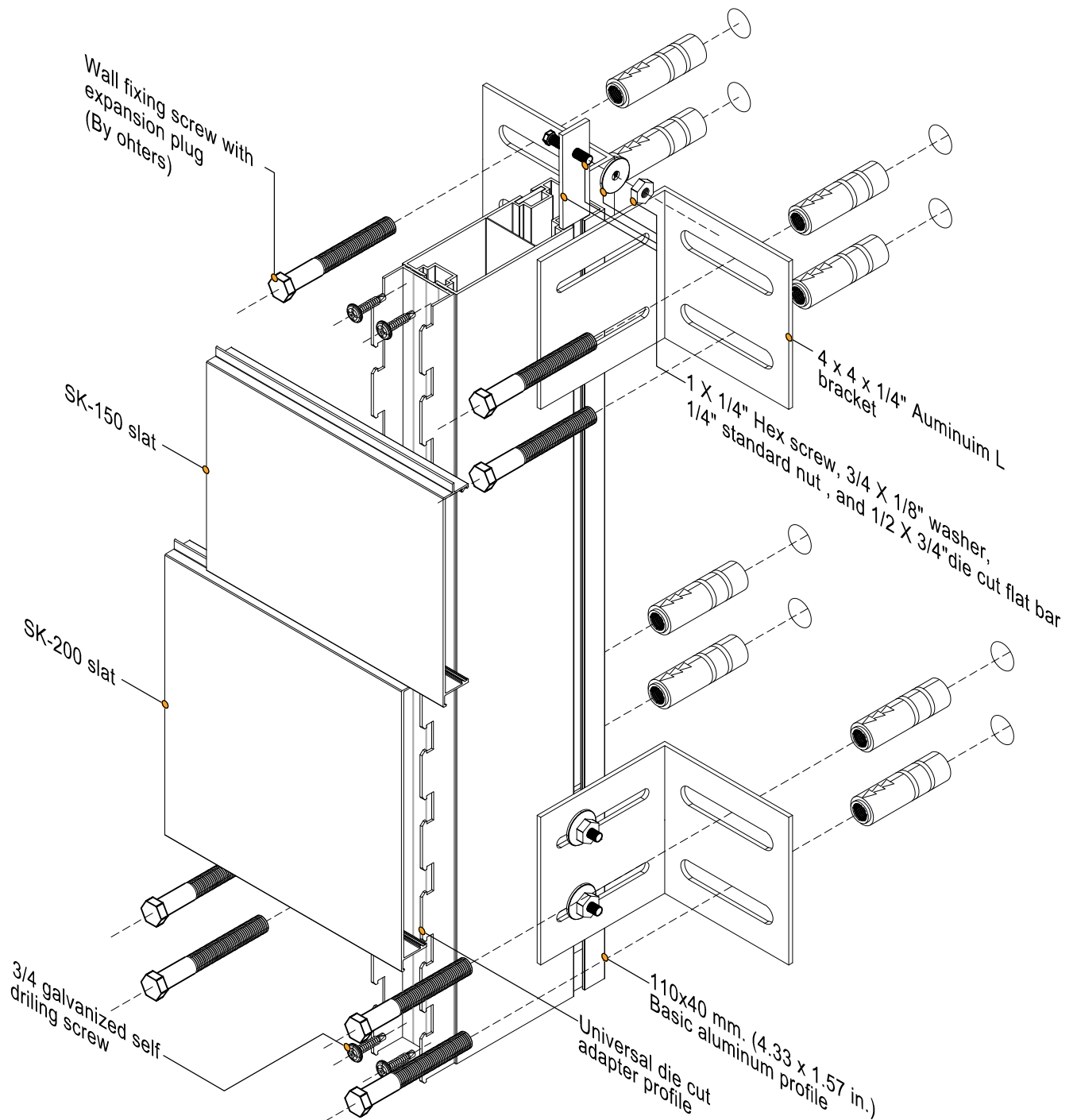
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Dimensions: mm. (in.)



SKIN WALL

ACHORING TO SLABS WITH STRUCTURAL SUPPORT 110 X 40 mm. (4.33X1.57 in.)

Page 09-13



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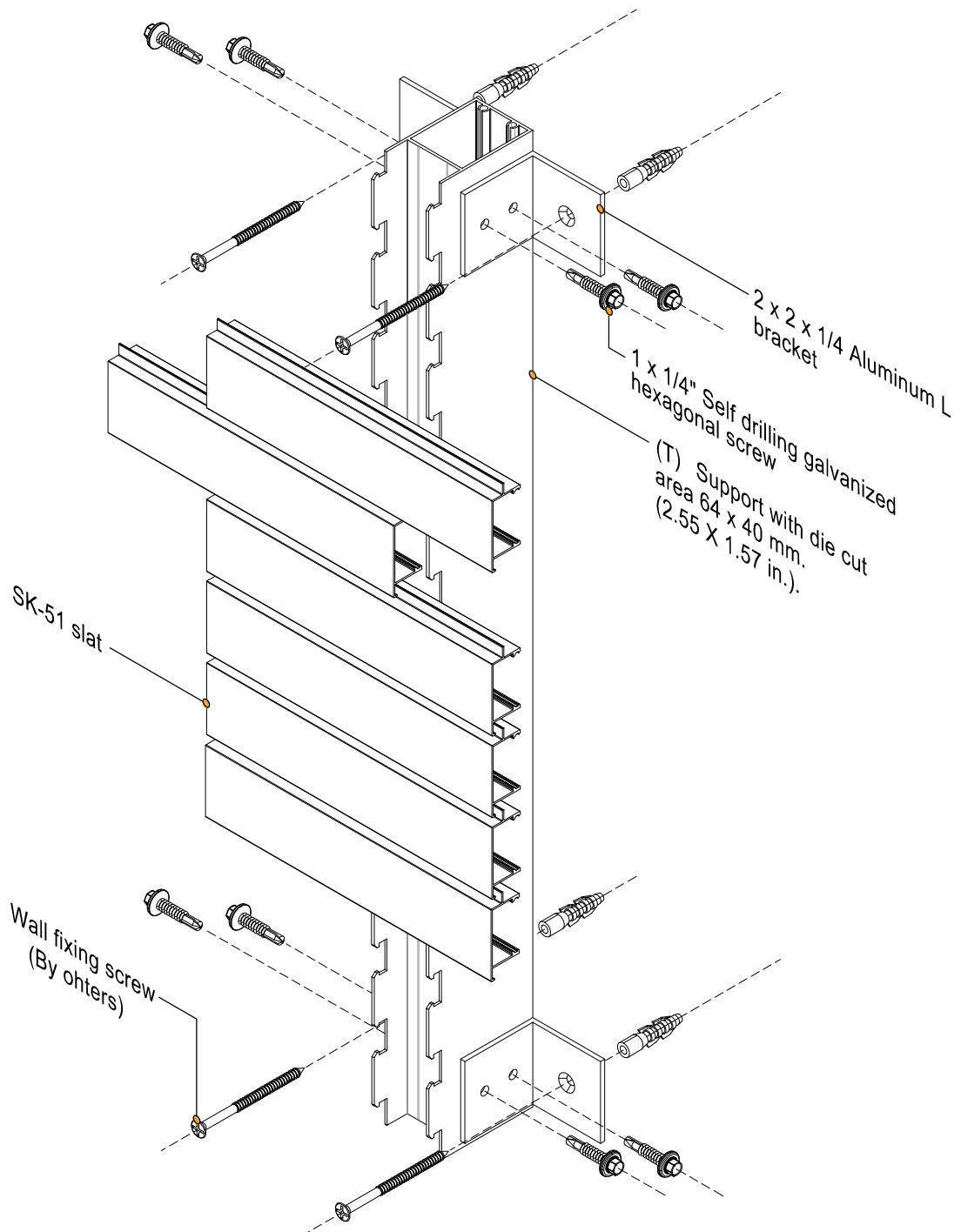
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SKIN WALL

ANCHORAGE TO SUB STRUCTURE WITH STRUCTURAL SUPPORT (T) 64 X 40 mm.
(2.55X1.57 IN.)

Page 10-13



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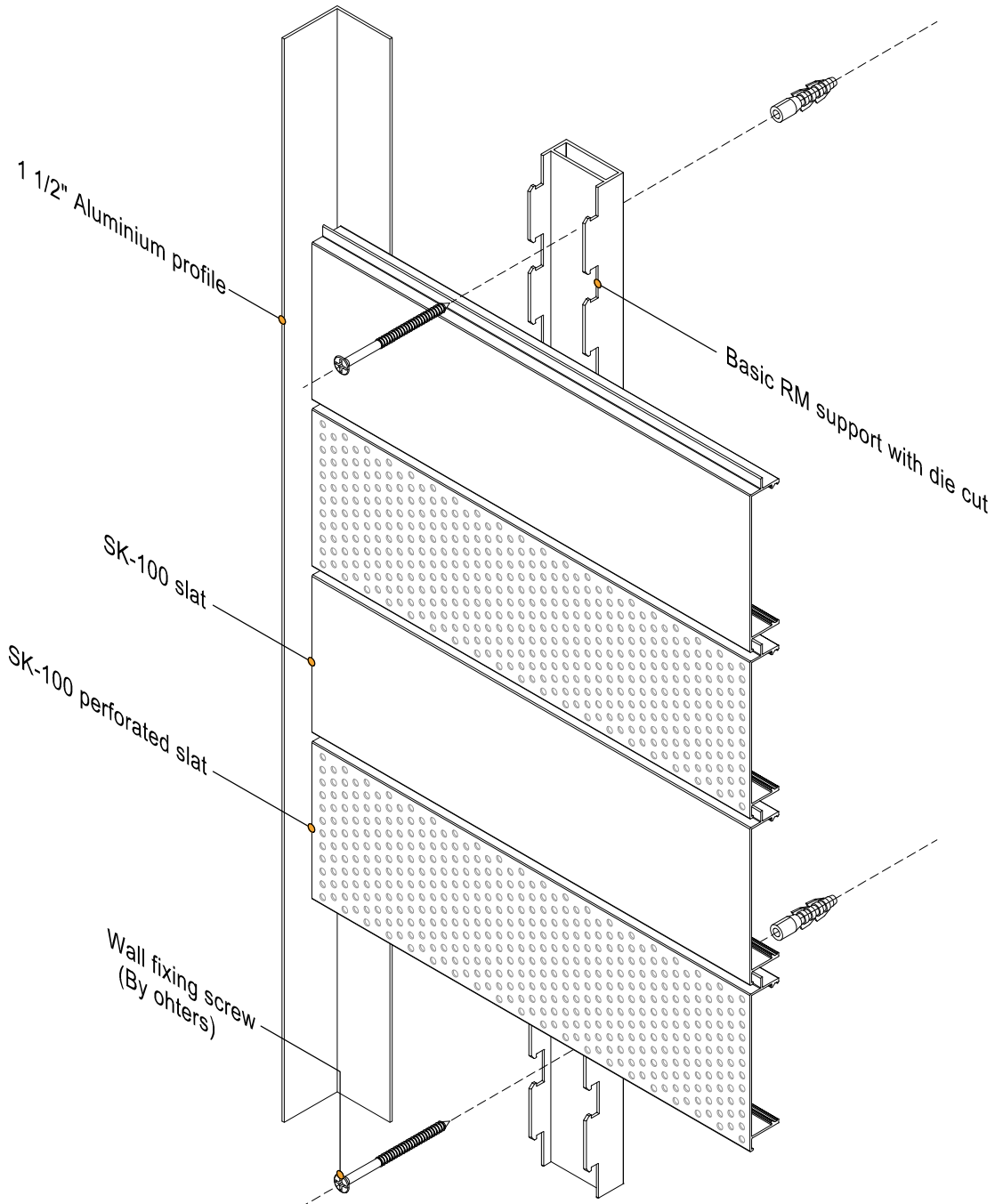
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Revision:
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Dimensions: mm. (in.)



SKIN WALL

ANCHORING TO WALL BASIC RM SUPPORT (WALL COVERING)

Page 11-13



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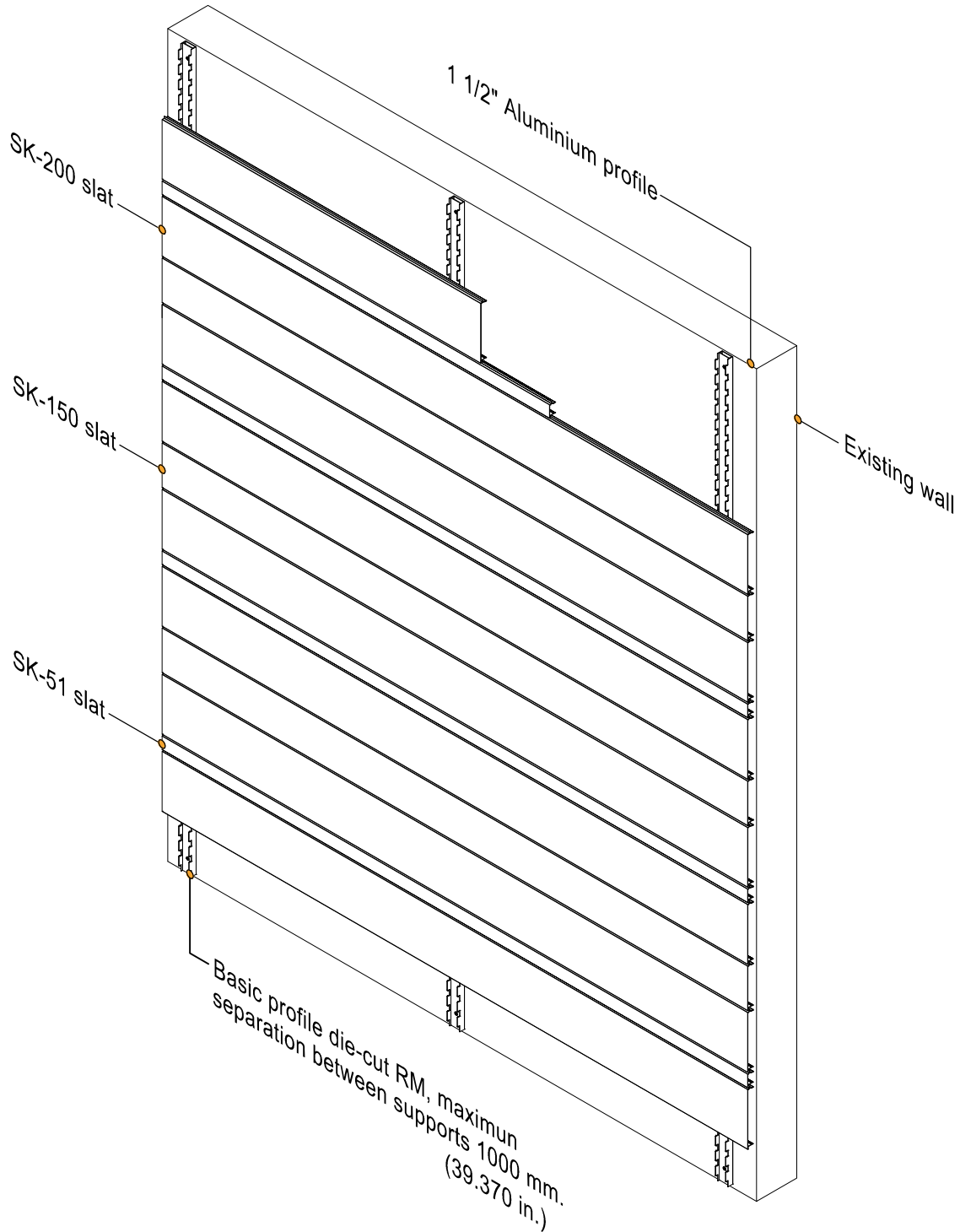
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SKIN WALL

WALL COVERING PROPOSAL (BASIC RM PROFILE)

Page 12-13



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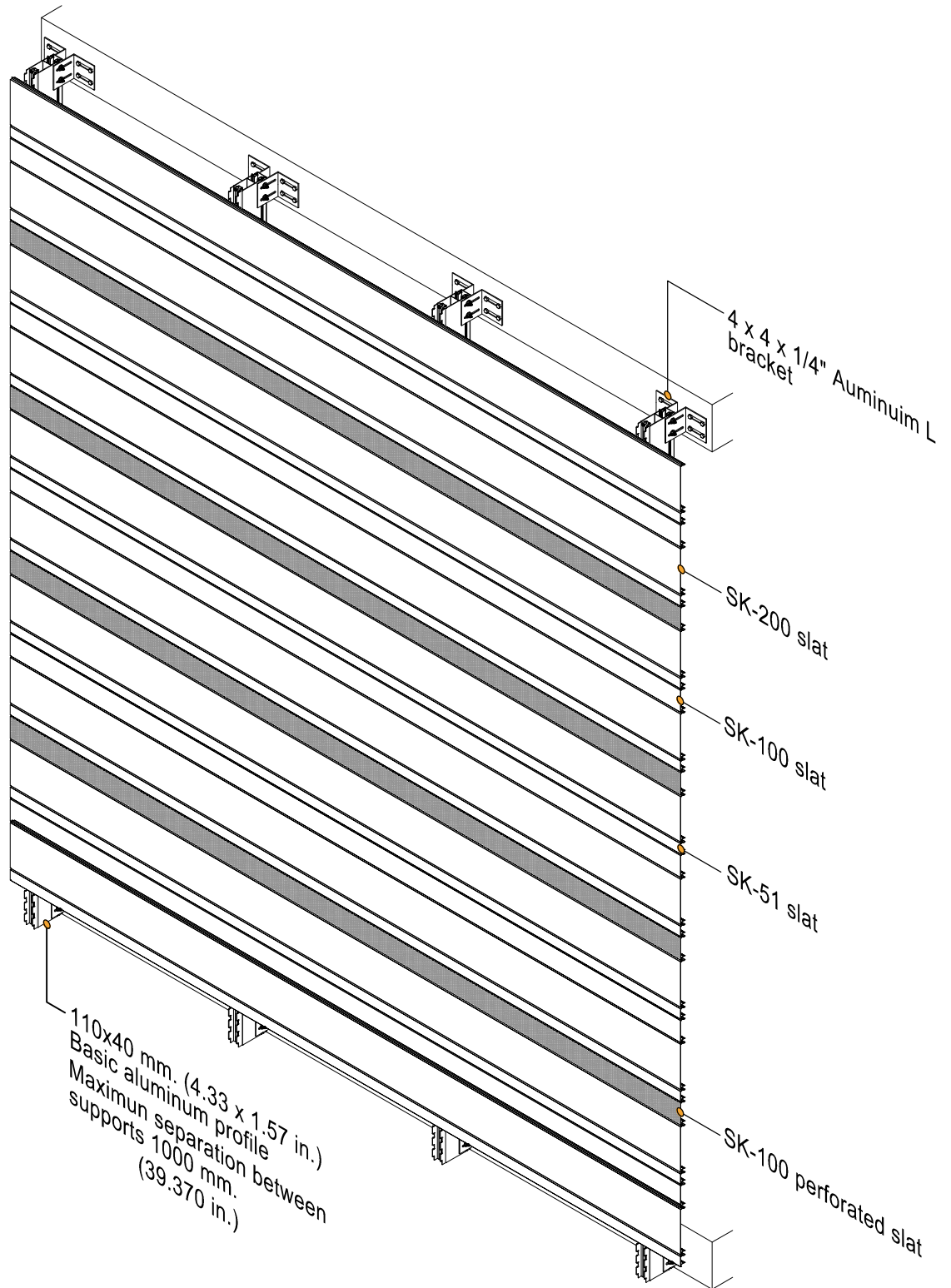
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SKIN WALL

HORIZONTAL TECHNICAL FACADE ROPOSAL

Page 13-13



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