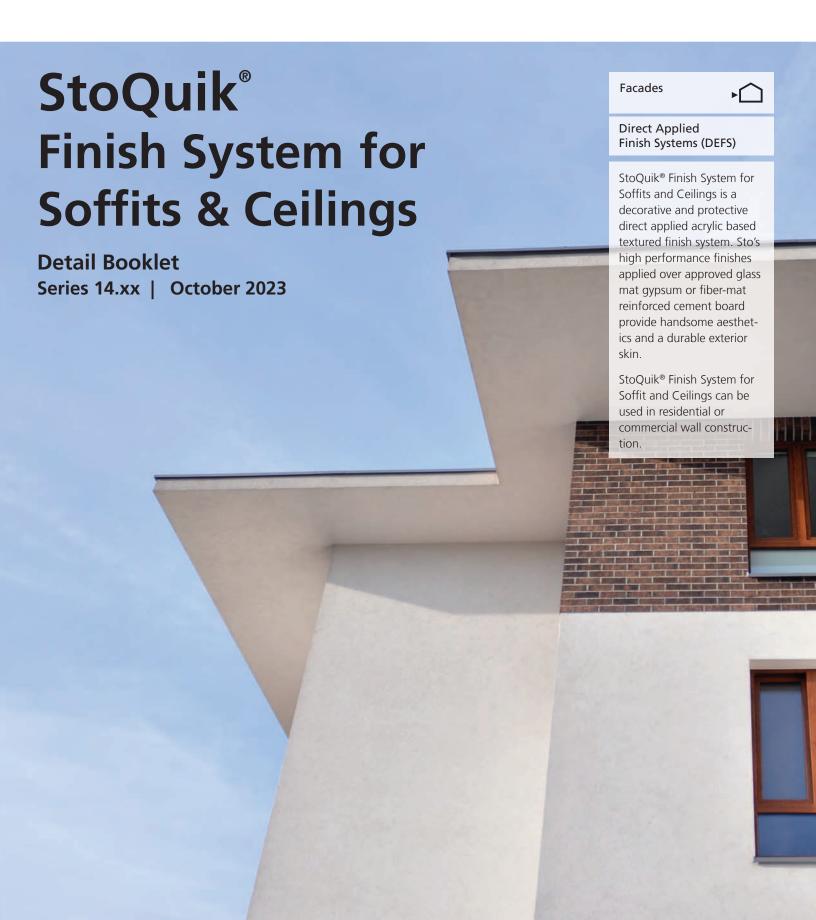


Building with conscience.





### **Design Details**

### Components

System Components	14.00
Installation at Vents and Joints	14.10
Termination at Abuting Wall	14.20
Termination with StoTherm® ci Fascia	
Termination with Stornerin Critiscia	14.50



### **ATTENTION**

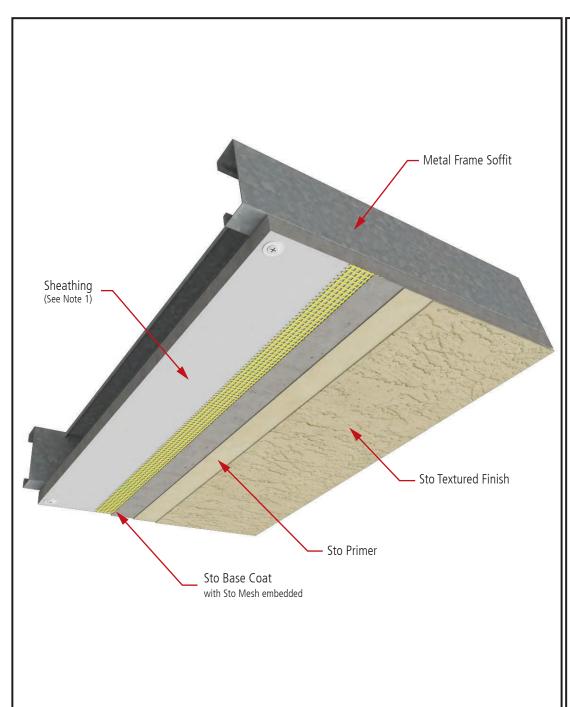
The final design of any project is the sole responsibility of the Design Professional, with considerations for compliance with local building and design codes and requirements. Sto Corp. accepts no liability for design, engineering, or workmanship of any project. The information provided herein is in addition to other technical data provided by Sto Corp. (System Bulletin, Specification, Guide Details, etc). For more information, please visit www.stocorp.com

### Sto Corp.

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# StoQuik® Finish System for Soffits & Ceilings System Components



### Notes:

1. Glass mat gypsum sheathing in compliance with ASTM C1177 or cementitious sheathing in compliance with ASTM C1325.

**Detail No.: 14.00** 

Date: October 2023

- 2. Sheathing is to be installed on a structure sufficient to resist live loads limiting deflection to L/360 normal to the plane of the soffit.
- 3. Soffit shall be protected from wind blown rain.
- 4. Soffit shall be designed to prevent accumulation of water behind the sheathing and finish system.
- 5. StoQuik® Finish Systems for Soffits and Ceilings is not designed to function as an air barrier. The designer should not vent interior conditioned air into the cavity above the soffit.
- 6. Components not identified as Sto are furnished by other manufacturers and are not necessarily installed by trades who install the Sto products. Refer to project specific contract documents.

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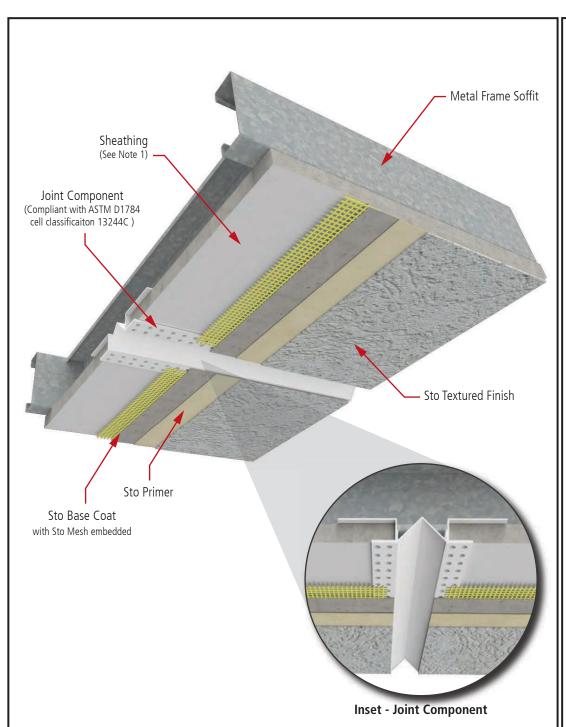






## StoQuik® Finish System for Soffits & Ceilings Joints

Detail No.: 14.10 Date: October 2023 Page 1 of 2



### Notes:

- 1. Glass mat gypsum sheathing in compliance with ASTM C1177 or cementitious sheathing in compliance with ASTM C1325.
- 2. Sheathing is to be installed on a structure sufficient to resist live loads limiting deflection to L/360 normal to the plane of the soffit.
- 3. Soffit shall be protected from wind blown rain.
- 4. Soffit shall be designed to prevent accumulation of water behind the sheathing and finish system.
- 5. StoQuik® Finish Systems for Soffits and Ceilings is not designed to function as an air barrier. The designer should not vent interior conditioned air into the cavity above the soffit.
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## StoQuik® Finish System for Soffits & Ceilings Vents

Metal Frame Soffit Sheathing (See Note 1) Vent Component (Compliant with ASTM D1784 cell classification 13244C) Sto Textured Finish Sto Primer Sto Base Coat with Sto Mesh embedded

Detail No.: 14.10 Date: October 2023 Page 2 of 2

### Notes:

- 1. Glass mat gypsum sheathing in compliance with ASTM C1177 or cementitious sheathing in compliance with ASTM C1325.
- 2. Sheathing is to be installed on a structure sufficient to resist live loads limiting deflection to L/360 normal to the plane of the soffit.
- 3. Soffit shall be protected from wind blown rain.
- 4. Soffit shall be designed to prevent accumulation of water behind the sheathing and finish system.
- 5. StoQuik® Finish Systems for Soffits and Ceilings is not designed to function as an air barrier. The designer should not vent interior conditioned air into the cavity above the soffit.
- 6. Components not identified as Sto are furnished by other manufacturers and are not necessarily installed by trades who install the Sto products. Refer to project specific contract documents.

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**Inset - Vent Component** 

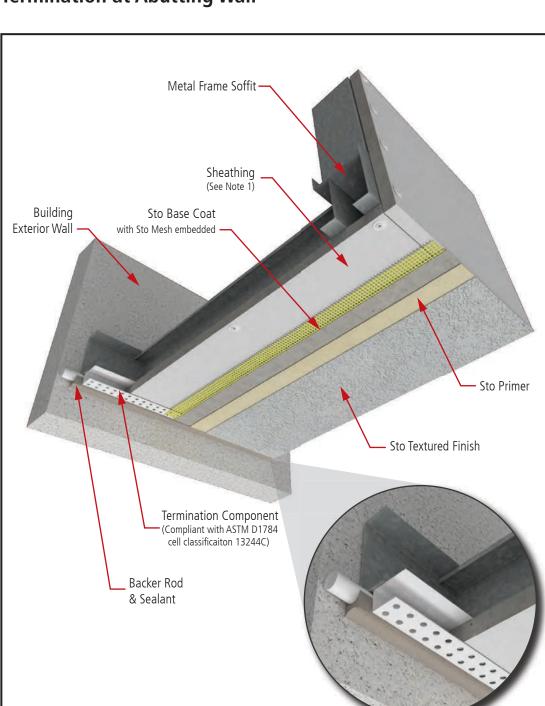
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# StoQuik® Finish System for Soffits & Ceilings Termination at Abutting Wall



### Notes:

1. Glass mat gypsum sheathing in compliance with ASTM C1177 or cementitious sheathing in compliance with ASTM C1325.

**Detail No.: 14.20** 

Date: October 2023

- 2. Sheathing is to be installed on a structure sufficient to resist live loads limiting deflection to L/360 normal to the plane of the soffit.
- 3. Soffit shall be protected from wind blown rain.
- 4. Soffit shall be designed to prevent accumulation of water behind the sheathing and finish system.
- 5. StoQuik® Finish Systems for Soffits and Ceilings is not designed to function as an air barrier. The designer should not vent interior conditioned air into the cavity above the soffit.
- 6. Components not identified as Sto are furnished by other manufacturers and are not necessarily installed by trades who install the Sto products. Refer to project specific contract documents.

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**Inset - Termination Component** 

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## StoQuik® Finish System for Soffits & Ceilings Termination at StoTherm®ci Fascia

Sto Base Coat Sto EPS StoGuard® Sto Adhesive with Sto Mesh embedded Insulation Board Air & Water Sto Primer Resistive Barrier Sto Textured Sheathing Finish (See Note 1) Metal Frame Soffit -StoGuard® Detail Component (See Note 3) StoTherm<sup>®</sup>ci Fascia **Lower Termination** Vent Component Backer Rod & Sealant Buildina **Exterior Wall** StoGuard® StoTherm®ci gap **Detail Component** (To permit drainage) (See Note 3) Inset - StoTherm®ci Fascia

### Notes:

1. Glass mat gypsum sheathing in compliance with ASTM C1177 or cementitious sheathing in compliance with ASTM C1325.

**Detail No.: 14.30** 

Date: October 2023

- 2. Sheathing is to be installed on a structure sufficient to resist live loads limiting deflection to L/360 normal to the plane of the soffit.
- 3. Refer to StoGuard® Product
  Use Chart (Table 1.1) in the
  StoGuard®Air and Water Resistive
  Barrier Design Guide and Detail
  Booklet for StoGuard® detail
  components; joint treatment,
  rough opening protection, backing
  for masonry anchors, or transitions
  to dissimilar materials, joints and
  seams in construction.
- 4. StoTherm®ci Fascia is prewrapped and installed so that the bottom of the fascia is lower than the plane of the soffit providing protection from wind driven rain.
- An alternative would be to integrate a flashing with the StoGuard® Air and Water-Resitive Barrier to direct water draining from behind the StoTherm®ci away from the soffit and providing additional protection from wind driven rain.
- 5. Components not identified as Sto are furnished by other manufacturers and are not necessarily installed by trades who install the Sto products. Refer to project specific contract documents.

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