

Specification Guidelines

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1. PRODUCT SPECIFICATIONS

CLASS 4 WALL WEATHER RESISTIVE BARRIER – SOLITEX EXTASANA®

Schedule Item

Weather Resistive Barrier

Manufacturer insight

SOLITEX EXTASANA® Weather Resistive Barrier (WRB) is used on the outside of the wall structure behind the cladding. The system accessories for SOLITEX EXTASANA® WRB may include TESCON EXTORA®, TESCON EXTOSEAL®, ORCON® CLASSIC, ORCON® MULTIBOND, TESCON® PRIMER RP, TESCON® NAIDECK or TESCON® NAIDECK patch. DUPLEX double-sided tape can be used as an installation aid on steel frames.

SOLITEX EXTASANA® is a tear-resistant synthetic WRB. It is deemed non-combustible as it is less than 1mm thick and has flammability index less than 5. Withstands exposure to temperatures of up to 120°C and down to -40°C behind external claddings. UV-Resistant (180 days).

Prescriptive Description

- A. Summary: Vapour permeable weather resistive barrier.
- B. Substrate: External walls.
- C. Manufacturer: Pro Clima
- D. Product reference: SOLITEX EXTASANA®
 1. Type: Thermoplastic Elastomer Ether Ester (TEEE) film with polypropylene microfibre fleece.
 2. Thickness: 0.50mm.
- E. Performance: SOLITEX EXTASANA®
 1. Non-porous, monolithic membrane technology
 2. 180 days UV exposure
 3. ≥ 100 °C temperature resistance
 4. Class 4 Vapour Permeable (AS 4200.1)
 5. Compliant with AS 4200.1
 6. Flammability index less than 5 (AS 1530.2) and less than 1 mm thick
- F. pro clima SOLITEX EXTASANA® must be installed in accordance with manufacturer's installation guidelines.

CLASS 4 ADHESIVE WEATHER RESISTIVE BARRIER – SOLITEX® ADHERO FC**Schedule Item**

Adhesive Weather Resistive Barrier

Manufacturer insight

SOLITEX® ADHERO FC is a class 4 vapour permeable Weather Resistive Barrier (WRB) in accordance with AS 4200.1. Tear-resistant synthetic adhesive WRB. It is deemed non-combustible as it is less than 1mm thick and has flammability index less than 5. Withstands exposure to temperatures of up to 100°C and down to -40°C behind external claddings. UV-Resistant (180 days).

Prescriptive Description

- A. Summary: Vapour permeable adhesive weather resistive barrier.
- B. Manufacturer: Pro Clima
- C. Substrate: External walls and/or roofs.
- D. Product reference: SOLITEX® ADHERO FC
 - 1. Type: Adhesive class 4 vapour permeable membrane with Thermoplastic Elastomer Ether Ester (TEEE) film with polypropylene microfibre fleece.
 - 2. Thickness: 0.70mm.
- E. Performance: SOLITEX® ADHERO FC
 - 1. Non-porous, monolithic membrane technology
 - 2. Water-resistant SOLID adhesive
 - 3. 180 days UV exposure
 - 4. ≥ 100 °C temperature resistance
 - 5. Class 4 Vapour Permeable (AS 4200.1)
 - 6. Compliant with AS 4200.1
 - 7. Flammability index less than 5 (AS 1530.2) and less than 1 mm thick
- F. pro clima SOLITEX® ADHERO FC must be installed in accordance with manufacturer's installation guidelines.

CLASS 3 ADHESIVE WEATHER RESISTIVE BARRIER – SOLITEX EXTASANA ADHERO®

Schedule Item

Adhesive Weather Resistive Barrier

Manufacturer insight

SOLITEX EXTASANA ADHERO® is a class 3 vapour permeable weather resistive barrier (WRB) in accordance with AS 4200.1. Tear-resistant adhesive synthetic WRB. It is deemed non-combustible as it is less than 1mm thick and has flammability index less than 5. Withstands exposure to temperatures of up to 100°C and down to -40°C behind external claddings. UV-Resistant (180 days).

Prescriptive Description

- A. Summary: Vapour permeable adhesive weather resistive barrier.
- B. Manufacturer: Pro Clima
- C. Substrate: External walls and/or roofs.
- D. Product reference: SOLITEX EXTASANA ADHERO®
 - 1. Type: Adhesive class 3 vapour permeable membrane with Thermoplastic Elastomer Ether Ester (TEEE) film with polypropylene microfibre fleece.
 - 2. Thickness: 0.70mm.
- E. Performance: SOLITEX EXTASANA ADHERO®
 - 1. Non-porous, monolithic membrane technology
 - 2. Water-resistant SOLID adhesive
 - 3. 180 days UV exposure
 - 4. ≥ 100 °C temperature resistance
 - 5. Class 4 Vapour Permeable (AS 4200.1)
 - 6. Compliant with AS 4200.1
 - 7. Flammability index less than 5 (AS 1530.2) and less than 1 mm thickness
- F. pro clima SOLITEX EXTASANA ADHERO® must be installed in accordance with manufacturer's installation guidelines.

TRANSPARENT ADHESIVE WEATHER RESISTIVE BARRIER – SOLITEX® ADHERO VISTO

Schedule Item

Transparent Adhesive Weather Resistive Barrier

Manufacturer Insight

SOLITEX® ADHERO VISTO provides weather protection during construction. The membrane provides airtightness and weather protection for intermediate floors on multi-storey mass timber (e.g. cross-laminated timber) or wooden-frame buildings during the construction period.

Protects the structure during construction for a period of up to 6 weeks outdoor exposure. Transparent in colour so markings, connectors and penetrations on timber floors remain visible. It is deemed non-combustible as it is less than 1mm thick and has flammability index less than 5. Withstands exposure to temperatures of up to 80°C and down to -40°C

Prescriptive Description

- A. Summary: Transparent Adhesive Weather Resistive Barrier.
- B. Manufacturer: Pro Clima
- C. Product reference: SOLITEX® ADHERO VISTO
 - 1. Type: Transparent adhesive membrane with Polyethylene copolymer and Polypropylene protective film.
 - 2. Thickness: 0.35mm.
- D. Performance: SOLITEX® ADHERO VISTO
 - 1. Water-resistant SOLID adhesive
 - 2. 6 weeks outdoor exposure
 - 3. -40°C to 80°C temperature resistance
 - 4. Compliant with AS 4200.1
 - 5. Flammability index less than 5 (AS 1530.2) and less than 1 mm thickness
- E. pro clima SOLITEX® ADHERO VISTO must be installed in accordance with manufacturer's installation guidelines.

CLASS 4 ROOF WEATHER RESISTIVE BARRIER – SOLITEX MENTO® PLUS

Schedule Item

Roof Weather Resistive Barrier

Manufacturer insight

SOLITEX MENTO® PLUS is a weather resistive barrier (WRB) used on the outside of the roof structure behind the cladding. The system accessories for SOLITEX MENTO® PLUS WRB may include TESCON EXTORA®, TESCON® NAIDECK or TESCON® NAIDECK Patch and TESCON® PRIMER RP.

SOLITEX MENTO® PLUS is a re-enforced tear-resistant synthetic WRB. It is deemed non-combustible as it is less than 1mm thick and has flammability index less than 5. Withstands exposure to temperatures of up to 100°C and down to -40°C behind external claddings. UV-Resistant (180 days).

Prescriptive Description

- A. Summary: Roof Weather Resistive Barrier.
- B. Substrate: Roof and external walls.
- C. Manufacturer: Pro Clima
- D. Product reference: SOLITEX MENTO® PLUS
 1. Type: Thermoplastic Elastomer Ether Ester (TEEE) film with polypropylene microfibre fleece.
 2. Thickness: 0.60mm.
- E. Performance: SOLITEX MENTO® PLUS
 1. Non-porous, monolithic membrane technology
 2. 180 days UV exposure
 3. 100 °C temperature resistance
 4. Class 4 Vapour Permeable (AS 4200.1)
 5. Medium duty classification (AS 4200.1)
 6. Compliant with AS 4200.1
 7. Flammability index less than 5 (AS 1530.2) and less than 1 mm thickness
- F. SOLITEX MENTO® PLUS must be installed in accordance with the manufacturer's installation guidelines.

CLASS 2 WALL WEATHER RESISTIVE BARRIER FOR TROPICAL CLIMATES – DA

Schedule Item

Weather Resistive Barrier

Manufacturer insight

Pro clima DA weathertightness membrane is used on the outside of the wall structure behind the cladding. The system accessories for pro clima DA Weather Resistive Barrier may include TESCON EXTORA®, TESCON EXTOSEAL®, ORCON® CLASSIC, ORCON® MULTIBOND, TESCON® PRIMER RP, TESCON® NAIDECK or TESCON® NAIDECK patch. DUPLEX double-sided tape can be used as an installation aid on steel frames.

Pro clima DA is a tear-resistant synthetic weather resistive barrier (WRB). Non-combustible as it is less than 1mm thick and has flammability index less than 5. Withstands exposure to temperatures of up to 100°C and down to -40°C behind external claddings. UV-Resistant (30 days).

Prescriptive Description

- A. Summary: Weather Resistive Barrier.
- B. Substrate: External face of external framing.
- C. Manufacturer: Pro Clima.
- D. Product reference: DA
 1. Type: Polypropylene film vapour barrier membrane with polypropylene microfibre fleece.
 2. Thickness: 0.45mm.
- E. Performance: DA
 1. Polypropylene microfibre fleece
 2. 30 days UV exposure
 3. 100 °C temperature resistance
 4. Class 2 Vapour Barrier (AS 4200.1)
 5. Compliant with AS 4200.1
 6. Flammability index less than 5 (AS 1530.2) and less than 1 mm thickness
- F. pro clima DA must be installed in accordance with manufacturer's installation guidelines.

INTELLO® PLUS AIR BARRIER - INTELLO® PLUS

Schedule Item

Airtightness Membrane

Manufacturer insight

INTELLO® PLUS airtightness system is used on the inside of the structure for condensation management and vapour control. The system comprises of INTELLO® PLUS Intelligent Air Barrier and may include the following accessory components: DUPLEX, TESCON® VANA, TESCON® PRIMER RP, ORCON CLASSIC®, ORCON® MULTIBOND, INTELLO® conneX, TESCON® PROFIL and CONTEGA® SOLIDO SL-D.

INTELLO® PLUS is an intelligent air barrier, providing condensation control. INTELLO® PLUS utilises Hydrosafe® technology which allows the membrane to modify the vapour permeance based on environmental conditions.

Prescriptive Description

- A. Summary: Intelligent Air Barrier.
- B. Substrate: Internal face of external walls.
- C. Manufacturer: Pro Clima.
- D. System reference: INTELLO® PLUS Vapour Control System
- E. Performance: INTELLO® PLUS
 - a. Polyethylene copolymer vapour variable airtight membrane with polypropylene microfibre fleece.
 - b. Thickness: 0.40mm.
 - c. Intelligent Air Barrier with humidity variable diffusion resistance (Class 2 - Class 3)
 - d. Air control classified as Air barrier (AS 4200.1)
 - e. Flammability index less than 5 (AS 1530.2) and less than 1 mm thick
 - f. When tested to ISO 12572 at test conditions 50 / 93% RH, 23°C the Sd value shall be greater than 1.5m.
- F. The INTELLO® PLUS vapour control system must be installed in accordance with the manufacturer's installation guidelines.

2. COMMERCIAL FAÇADE SYSTEMS – FLEXIBLE WEATHER RESISTIVE BARRIER (WRB)

CLASS 4 WALL WRB SYSTEM – SOLITEX EXTASANA®

Schedule Item

Façade Weatherproofing System

Manufacturer insight

The system comprises of SOLITEX EXTASANA® Wall Weather Resistive Barrier with accessory components; TESCON EXTORA®, TESCON EXTOSEAL®, TESCON® NAIDECK or TESCON® NAIDECK patch, ORCON® CLASSIC and ORCON® MULTIBOND. DUPLEX double-sided tape can be used as an installation aid.

SOLITEX EXTASANA® is a tear-resistant synthetic weather resistive barrier (WRB). It is deemed non-combustible as it is less than 1mm thick and has flammability index less than 5. Withstands exposure to temperatures of up to 120°C and down to -40°C behind external claddings. UV-Resistant (180 days).

Prescriptive Description

- A. Summary: Vapour permeable weatherproofing system.
- B. Substrate: External walls.
- C. Manufacturer: Pro Clima
- D. System Reference: SOLITEX EXTASANA® system
 - 1. Comprising of SOLITEX EXTASANA®, TESCON EXTORA®, TESCON EXTOSEAL, DUPLEX, TESCON® NAIDECK, TESCON® NAIDECK patch, ORCON® CLASSIC and ORCON® MULTIBOND.
- E. Product reference: SOLITEX EXTASANA®
 - 1. Type: Thermoplastic Elastomer Ether Ester (TEEE) film with polypropylene microfibre fleece.
 - 2. Thickness: 0.50mm.
- F. Performance: SOLITEX EXTASANA®
 - 1. Non-porous, monolithic membrane technology
 - 2. 180 days UV exposure
 - 3. ≥ 100 °C temperature resistance
 - 4. Class 4 Vapour Permeable (AS 4200.1)
 - 5. Compliant with AS 4200.1
 - 6. Flammability index less than 5 (AS 1530.2) and less than 1 mm thick
- G. Performance: TESCON EXTORA®
 - 1. Water-resistant SOLID adhesive
 - 2. Flammability index less than 5 (AS 1530.2) and less than 1 mm thick
- H. Performance: TESCON® EXTOSEAL
 - 1. Water-resistant SOLID adhesive
- I. pro clima SOLITEX EXTASANA® must be installed in accordance with manufacturer's installation guidelines.

3. COMMERCIAL FAÇADE SYSTEM – ADHESIVE WEATHER RESISTIVE BARRIER (WRB)

FORTX™ SYSTEM WITH CLASS 4 ADHESIVE WRB

Schedule Item

Façade Weatherproofing System

Manufacturer insight

The system comprises of SOLITEX® ADHERO FC adhesive Weather Resistive Barrier (WRB) with accessory components; TFLEX, TESCON EXTONSEAL®, TESCON EXTORA®, and TESCON® NAIDECK or TESCON® NAIDECK patch. DUPLEX double-sided tape can be used as an installation aid for TFLEX flexible control joint material.

SOLITEX® ADHERO FC is a class 4 vapour permeable membrane in accordance with AS 4200.1. Tear-resistant synthetic adhesive WRB. It is deemed non-combustible as it is less than 1mm thick and has flammability index less than 5. Withstands exposure to temperatures of up to 100°C and down to -40°C behind external claddings. UV-Resistant (180 days).

Prescriptive Description

- A. Summary: Vapour permeable weatherproofing system.
- B. Substrate: External walls.
- C. Manufacturer: Pro Clima
- D. System Reference: FORTX™
 - 1. Comprising of SOLITEX® ADHERO FC, TFLEX, TESCON EXTONSEAL®, TESCON EXTORA®, DUPLEX and TESCON® NAIDECK or TESCON® NAIDECK patch.
- E. Product reference: SOLITEX® ADHERO FC
 - 1. Type: Adhesive class 4 vapour permeable membrane with Thermoplastic Elastomer Ether Ester (TEEE) film with polypropylene microfibre fleece.
 - 2. Thickness: 0.70mm.
- F. Performance: SOLITEX® ADHERO FC
 - 1. Non-porous, monolithic membrane technology
 - 2. Water-resistant SOLID adhesive
 - 3. 180 days UV exposure
 - 4. ≥100 °C temperature resistance
 - 5. Class 4 Vapour Permeable (AS 4200.1)
 - 6. Compliant with AS 4200.1
 - 7. Flammability index less than 5 (AS 1530.2) and less than 1 mm thick
- G. Performance: TESCON EXTORA®
 - 1. Water-resistant SOLID adhesive
 - 2. Flammability index less than 5 (AS 1530.2) and less than 1 mm thick
- H. Performance: TESCON EXTONSEAL®
 - 1. Water-resistant SOLID adhesive
- I. Performance: TFLEX
 - 1. Class 3 Vapour Permeable (AS 4200.1)
 - 2. Flammability index less than 5 (AS 1530.2) and less than 1 mm thick
 - 3. 300% elongation
- J. FORTX™ System incorporating SOLITEX® ADHERO FC Adhesive Weather Resistive Barrier shall pass the requirements of AS/NZS 4284 at ±3.5kPa SLS and ±20mm seismic displacement at SLS.
- K. pro clima SOLITEX® ADHERO FC must be installed in accordance with manufacturer's installation guidelines.

FORTX™ SYSTEM WITH CLASS 3 ADHESIVE WRB

Schedule Item

Façade Weatherproofing System

Manufacturer insight

The system comprises of SOLITEX EXTASANA ADHERO® adhesive Weather Resistive Barrier (WRB) with accessory components; TFLEX, TESCON EXTOSEAL®, TESCON EXTORA®, and TESCON® NAIDECK or TESCON® NAIDECK patch. DUPLEX double-sided tape can be used as an installation aid for TFLEX flexible control joint material.

SOLITEX EXTASANA ADHERO® is a class 4 vapour permeable membrane in accordance with AS 4200.1. Tear-resistant synthetic adhesive WRB. It is deemed non-combustible as it is less than 1mm thick and has flammability index less than 5. Withstands exposure to temperatures of up to 100°C and down to -40°C behind external claddings. UV-Resistant (180 days).

Prescriptive Description

- A. Summary: Vapour permeable weatherproofing system.
- B. Substrate: External walls.
- C. Manufacturer: Pro Clima
- D. System Reference: FORTX™
 - 1. Comprising of SOLITEX EXTASANA ADHERO®, TFLEX, TESCON EXTOSEAL®, TESCON EXTORA®, DUPLEX and TESCON® NAIDECK or TESCON® NAIDECK patch.
- E. Product reference: SOLITEX EXTASANA ADHERO®
 - 1. Type: Adhesive class 3 vapour permeable membrane with Thermoplastic Elastomer Ether Ester (TEEE) film with polypropylene microfibre fleece.
 - 2. Thickness: 0.70 mm.
- F. Performance: SOLITEX EXTASANA ADHERO®
 - 1. Non-porous, monolithic membrane technology
 - 2. Water-resistant SOLID adhesive
 - 3. 180 days UV exposure
 - 4. ≥100 °C temperature resistance
 - 5. Class 3 Vapour Permeable (AS 4200.1)
 - 6. Compliant with AS 4200.1
 - 7. Flammability index less than 5 (AS 1530.2) and less than 1 mm thickness
- G. Performance: TESCON EXTORA®
 - 1. Water-resistant SOLID adhesive
 - 2. Flammability index less than 5 (AS 1530.2) and less than 1 mm thick
- H. Performance: TESCON EXTOSEAL®
 - 1. Water-resistant SOLID adhesive
- I. Performance: TFLEX
 - 1. Class 3 Vapour Permeable (AS 4200.1)
 - 2. Flammability index less than 5 (AS 1530.2) and less than 1 mm thickness
 - 3. 300% elongation
- J. FORTX™ System incorporating SOLITEX EXTASANA ADHERO® Adhesive Weather Resistive Barrier shall pass the requirements of AS/NZS 4284 at ±3.5kPa SLS and ±20mm seismic displacement at SLS.
- K. pro clima SOLITEX EXTASANA ADHERO® must be installed in accordance with manufacturer's installation guidelines.

FORTX™ SYSTEM WITH CLASS 4 ADHESIVE WRB AND VAPOUR CONTROL

Schedule Item

Façade Weatherproofing System

Manufacturer insight

On the exterior side of the structure, the system comprises of SOLITEX® ADHERO FC adhesive Weather Resistive Barrier (WRB) with accessory components: TFLEX, TESCON EXTONSEAL®, TESCON EXTORA®, and TESCON® NAIDECK or TESCON® NAIDECK Patch. DUPLEX is used as an installation aid for TFLEX flexible control joint material.

SOLITEX® ADHERO FC is a class 4 vapour permeable membrane in accordance with AS 4200.1. Tear-resistant synthetic adhesive WRB. Non-combustible as it is less than 1mm thick and has flammability index less than 5. Withstands exposure to temperatures of up to 100°C and down to -40°C behind external claddings. UV-Resistant (180 days).

On the interior side of the structure, INTELLO® PLUS airtightness system is used on the inside of the structure for condensation and vapour control. The system comprises of INTELLO® PLUS Intelligent Air Barrier with accessory components; DUPLEX, TESCON® VANA, TESCON® PRIMER RP, ORCON CLASSIC®, ORCON® MULTIBOND, INTELLO® conneX, TESCON® PROFIL and CONTEGA® SOLIDO SL-D.

INTELLO® PLUS is an intelligent air barrier, providing condensation control. INTELLO® PLUS utilises Hydrosafe® technology which allows the membrane to modify the vapour permeance based on environmental conditions.

Prescriptive Description

Weatherproofing

- A. Summary: Vapour permeable weatherproofing system.
- B. Substrate: External walls.
- C. Manufacturer: Pro Clima
- D. System Reference: FORTX™
 1. Comprising of SOLITEX® ADHERO FC, TFLEX, TESCON EXTONSEAL®, TESCON EXTORA®, DUPLEX and TESCON® NAIDECK or TESCON® NAIDECK patch.
- E. Product reference: SOLITEX® ADHERO FC
 1. Type: Adhesive class 4 vapour permeable membrane with Thermoplastic Elastomer Ether Ester (TEEE) film with polypropylene microfibre fleece.
 2. Thickness: 0.70mm.
- F. Performance: SOLITEX® ADHERO FC
 1. Non-porous, monolithic membrane technology
 2. Water-resistant SOLID adhesive
 3. 180 days UV exposure
 4. ≥100 °C temperature resistance
 5. Class 4 Vapour Permeable (AS 4200.1)
 6. Compliant with AS 4200.1
 7. Flammability index less than 5 (AS 1530.2) and less than 1 mm thick
- G. Performance: TESCON EXTORA®
 1. Water-resistant SOLID adhesive
 2. Flammability index less than 5 (AS 1530.2) and less than 1 mm thick
- H. Performance: TESCON® EXTONSEAL
 1. Water-resistant SOLID adhesive
- I. Performance: TFLEX
 1. Class 3 Vapour Permeable (AS 4200.1)
 2. Flammability index less than 5 (AS 1530.2) and less than 1 mm thick
 3. 300% elongation

- J. FORTX™ System incorporating SOLITEX® ADHERO FC Adhesive Weather Resistive Barrier shall pass the requirements of AS/NZS 4284 at ± 3.5 kPa SLS and ± 20 mm seismic displacement at SLS.
- K. pro clima SOLITEX® ADHERO FC must be installed in accordance with manufacturer's installation guidelines.

Airtight vapour control system

- G. Summary: Vapour control and airtight membrane system.
- H. Substrate: Internal face of external walls.
- I. Manufacturer: Pro Clima.
- J. System reference: INTELLO® PLUS Vapour Control System
- K. Performance: INTELLO® PLUS
 - a. Polyethylene copolymer vapour variable airtight membrane with polypropylene microfibre fleece.
 - b. Thickness: 0.40mm.
 - c. Intelligent Air Barrier with humidity variable diffusion resistance (Class 2- Class 3)
 - d. Air control classified as Air barrier (AS 4200.1)
 - e. Flammability index less than 5 (AS 1530.2) and less than 1 mm thick
 - f. When tested to ISO 12572 at test conditions 50 / 93% RH, 23°C the Sd value shall be greater than 1.5m.
- L. Performance: TESCON® VANA
 - a. Water-resistant SOLID adhesive
- M. Performance: TESCON® PROFIL
 - a. Water-resistant SOLID adhesive
- N. Performance: CONTEGA® SOLIDO SL-D.
 - a. Water-resistant SOLID adhesive
- O. The INTELLO® PLUS vapour control system must be installed in accordance with the manufacturer's installation guidelines.

FORTX™ SYSTEM WITH CLASS 3 ADHESIVE WRB AND VAPOUR CONTROL

Schedule Item

Façade Weatherproofing System

Manufacturer insight

On the exterior side of the structure, the system comprises of SOLITEX EXTASANA ADHERO® adhesive Weather Resistive Barrier (WRB) with accessory components: TFLEX, TESCON EXTOSEAL®, TESCON EXTORA®, and TESCON® NAIDECK or TESCON® NAIDECK Patch. DUPLEX is used as an installation aid for TFLEX flexible control joint material.

SOLITEX EXTASANA ADHERO® is a class 3 vapour permeable membrane in accordance with AS 4200.1. Tear-resistant synthetic adhesive WRB. Non-combustible as it is less than 1mm thick and has flammability index less than 5. Withstands exposure to temperatures of up to 100°C and down to -40°C behind external claddings. UV-Resistant (180 days).

On the interior side of the structure, INTELLO® PLUS airtightness system is used on the inside of the structure for condensation and vapour control. The system comprises of INTELLO® PLUS Intelligent Air Barrier with accessory components; DUPLEX, TESCON® VANA, TESCON® PRIMER RP, ORCON CLASSIC®, ORCON® MULTIBOND, INTELLO® conneX, TESCON® PROFIL and CONTEGA® SOLIDO SL-D.

INTELLO® PLUS is an intelligent air barrier, providing condensation control. INTELLO® PLUS utilises Hydrosafe® technology which allows the membrane to modify the vapour permeance based on environmental conditions.

Prescriptive Description

Weatherproofing

- A. Summary: Vapour permeable weatherproofing system.
- B. Substrate: External walls.
- C. Manufacturer: Pro Clima
- D. System Reference: FORTX™
 - a. Comprising of SOLITEX EXTASANA ADHERO®, TFLEX, TESCON EXTOSEAL®, TESCON EXTORA®, DUPLEX and TESCON® NAIDECK or TESCON® NAIDECK Patch.
- E. Product reference: SOLITEX EXTASANA ADHERO®
 - a. Type: Adhesive class 3 vapour permeable membrane with Thermoplastic Elastomer Ether Ester (TEEE) film with polypropylene microfibre fleece.
 - b. Thickness: 0.70mm.
- F. Performance: SOLITEX EXTASANA ADHERO®
 - a. Non-porous, monolithic membrane technology
 - b. Water-resistant SOLID adhesive
 - c. 180 days UV exposure
 - d. ≥100 °C temperature resistance
 - e. Class 3 Vapour Permeable (AS 4200.1)
 - f. Compliant with AS 4200.1
 - g. Flammability index less than 5 (AS 1530.2) and less than 1 mm thick
- G. Performance: TESCON EXTORA®
 - a. Water-resistant SOLID adhesive
 - b. Flammability index less than 5 (AS 1530.2) and less than 1 mm thick
- H. Performance: TESCON EXTOSEAL®
 - a. Water-resistant SOLID adhesive
- I. Performance: TFLEX
 - a. Class 3 Vapour Permeable (AS 4200.1)
 - b. Flammability index less than 5 (AS 1530.2) and less than 1 mm thick
 - c. 300% elongation

- J. FORTX™ System incorporating SOLITEX EXTASANA ADHERO® Adhesive Weather Resistive Barrier shall pass the requirements of AS/NZS 4284 at ± 3.5 kPa SLS and ± 20 mm seismic displacement at SLS.
- K. pro clima SOLITEX EXTASANA ADHERO® must be installed in accordance with manufacturer's installation guidelines.

Airtight vapour control system

- A. Summary: Vapour control and airtight membrane system.
- B. Substrate: Internal face of external walls.
- C. Manufacturer: Pro Clima.
- D. System reference: INTELLO® PLUS Vapour Control System
- E. Performance: INTELLO® PLUS
 - a. Polyethylene copolymer vapour variable airtight membrane with polypropylene microfibre fleece.
 - b. Thickness: 0.40mm.
 - c. Intelligent Air Barrier with humidity variable diffusion resistance (Class 2- Class 3)
 - d. Air control classified as Air barrier (AS 4200.1)
 - e. Flammability index less than 5 (AS 1530.2) and less than 1 mm thick
 - f. When tested to ISO 12572 at test conditions 50 / 93% RH, 23°C the Sd value shall be greater than 1.5m.
- F. Performance: TESCON® VANA
 - a. Water-resistant SOLID adhesive
- G. Performance: TESCON® PROFIL
 - a. Water-resistant SOLID adhesive
- H. Performance: CONTEGA® SOLIDO SL-D.
 - a. Water-resistant SOLID adhesive
- I. The INTELLO® PLUS vapour control system must be installed in accordance with the manufacturer's installation guidelines.

FORTX™ MELIOR SYSTEM WITH CLASS 4 ADHESIVE WRB AND EXTERNAL INSULATION

Schedule Item

Façade Weatherproofing System

Manufacturer insight

The system comprises of SOLITEX® ADHERO FC adhesive Weather Resistive Barrier (WRB) with accessory components; TFLEX, TESCON EXTOSEAL®, TESCON EXTORA®, and TESCON® NAIDECK or TESCON® NAIDECK Patch. DUPLEX double-sided tape can be used as an installation aid for TFLEX flexible control joint material.

SOLITEX® ADHERO FC is a class 4 vapour permeable membrane in accordance with AS 4200.1. Tear-resistant synthetic adhesive WRB. Non-combustible as it is less than 1mm thick and has flammability index less than 5. Withstands exposure to temperatures of up to 100°C and down to -40°C behind external claddings. UV-Resistant (180 days).

A layer of ROCKWOOL™ Rainscreen™ stone wool is installed over the SOLITEX® ADHERO FC for continuous insulation, vapour control and improved fire performance.

Prescriptive Description

- A. Summary: Vapour permeable weatherproofing system with external insulation.
- B. Substrate: External walls.
- C. Manufacturer: Pro Clima
- D. System Reference: FORTX™ MELIOR
 - a. Comprising of SOLITEX® ADHERO FC, TFLEX, TESCON EXTOSEAL®, TESCON EXTORA®, DUPLEX and TESCON® NAIDECK or TESCON® NAIDECK patch and ROCKWOOL™ Rainscreen™.
- E. Product reference: SOLITEX® ADHERO FC
 - a. Type: Adhesive class 4 vapour permeable membrane with Thermoplastic Elastomer Ether Ester (TEEE) film with polypropylene microfibre fleece.
 - b. Thickness: 0.70mm.
- F. Performance: SOLITEX® ADHERO FC
 - a. Non-porous, monolithic membrane technology
 - b. Water-resistant SOLID adhesive
 - c. 180 days UV exposure
 - d. ≥ 100 °C temperature resistance
 - e. Class 4 Vapour Permeable (AS 4200.1)
 - f. Compliant with AS 4200.1
 - g. Flammability index less than 5 (AS 1530.2) and less than 1 mm thick
- G. Performance: TESCON EXTORA®
 - a. Water-resistant SOLID adhesive
 - b. Flammability index less than 5 (AS 1530.2) and less than 1 mm thick
- H. Performance: TESCON EXTOSEAL®
 - a. Water-resistant SOLID adhesive
- I. Performance: TFLEX
 - a. Class 3 Vapour Permeable (AS 4200.1)
 - b. Flammability index less than 5 (AS 1530.2) and less than 1 mm thick
 - c. 300% elongation
- J. Performance: ROCKWOOL™ Rainscreen™
 - a. AS 1530.1 Non-combustible
- K. FORTX™ MELIOR System incorporating SOLITEX® ADHERO FC Adhesive Weather Resistive Barrier with ROCKWOOL™ Rainscreen™ shall pass the requirements of AS/NZS 4284 at ± 3.5 kPa SLS and ± 20 mm seismic displacement at SLS.
- L. pro clima SOLITEX® ADHERO FC must be installed in accordance with manufacturer's installation guidelines.

FORTX™ MELIOR SYSTEM WITH CLASS 3 ADHESIVE WRB AND EXTERNAL INSULATION

Schedule Item

Façade Weatherproofing System

Manufacturer insight

The system comprises of SOLITEX EXTASANA ADHERO® adhesive Weather Resistive Barrier (WRB) with accessory components; TFLEX, TESCON EXTOSEAL®, TESCON EXTORA®, and TESCON® NAIDECK or TESCON® NAIDECK patch. DUPLEX double-sided tape can be used as an installation aid for TFLEX flexible control joint material.

SOLITEX EXTASANA ADHERO® is a class 3 vapour permeable membrane in accordance with AS 4200.1. Tear-resistant synthetic adhesive WRB. It is deemed non-combustible as it is less than 1mm thick and has flammability index less than 5. Withstands exposure to temperatures of up to 100°C and down to -40°C behind external claddings. UV-Resistant (180 days).

A layer of ROCKWOOL™ Rainscreen™ stone wool is installed over the SOLITEX EXTASANA ADHERO® for continuous insulation, vapour control and improved fire performance.

Prescriptive Description

- A. Summary: Vapour permeable weatherproofing system with continuous insulation layer.
- B. Substrate: External walls.
- C. Manufacturer: Pro Clima
- D. System Reference: FORTX™ MELIOR
 - a. Comprising of SOLITEX EXTASANA ADHERO®, TFLEX, TESCON EXTOSEAL®, TESCON EXTORA®, DUPLEX and TESCON® NAIDECK or TESCON® NAIDECK patch and ROCKWOOL™ Rainscreen™.
- E. Product reference: SOLITEX EXTASANA ADHERO®
 - a. Type: Adhesive class 3 vapour permeable membrane with thermoplastic elastomer ether-ester (TEEE) membrane with polypropylene microfibre fleece.
 - b. Thickness: 0.70mm.
- F. Performance: SOLITEX EXTASANA ADHERO®
 - a. Non-porous, monolithic membrane technology
 - b. Water-resistant SOLID adhesive
 - c. 180 days UV exposure
 - d. ≥100 °C temperature resistance
 - e. Class 3 Vapour Permeable (AS 4200.1)
 - f. Compliant with AS 4200.1
 - g. Flammability index less than 5 (AS 1530.2) and less than 1 mm thick
- G. Performance: TESCON EXTORA®
 - a. Water-resistant SOLID adhesive
 - b. Flammability index less than 5 (AS 1530.2) and less than 1 mm thick
- H. Performance: TESCON EXTOSEAL®
 - a. Water-resistant SOLID adhesive
- I. Performance: TFLEX
 - a. Class 3 Vapour Permeable (AS 4200.1)
 - b. Flammability index less than 5 (AS 1530.2) and less than 1 mm thick
 - c. 300% elongation
- J. Performance: ROCKWOOL™ Rainscreen™
 - a. AS 1530.1 Non-combustible
- K. FORTX™ MELIOR System incorporating SOLITEX EXTASANA ADHERO® Adhesive Weather Resistive Barrier with ROCKWOOL™ Rainscreen™ shall pass the requirements of AS/NZS 4284 at ±3.5kPa SLS and ±20mm seismic displacement at SLS.

- L. pro clima SOLITEX EXTASANA ADHERO® must be installed in accordance with manufacturer's installation guidelines.

FORTX™ MELIOR SYSTEM WITH CLASS 4 ADHESIVE WRB, EXTERNAL INSULATION AND VAPOUR CONTROL

Schedule Item

Façade Weatherproofing System

Manufacturer insight

On the exterior side of the structure, the system comprises of SOLITEX® ADHERO FC adhesive Weather Resistive Barrier (WRB) with accessory components: TFLEX, TESCON EXTOSEAL®, TESCON EXTORA®, and TESCON® NAIDECK or TESCON® NAIDECK Patch. DUPLEX is used as an installation aid for TFLEX flexible control joint material.

SOLITEX® ADHERO FC is a class 4 vapour permeable membrane in accordance with AS 4200.1. Tear-resistant synthetic adhesive WRB. Non-combustible as it is less than 1mm thick and has flammability index less than 5. Withstands exposure to temperatures of up to 100°C and down to -40°C behind external claddings. UV-Resistant (180 days).

On the interior side of the structure, INTELLO® PLUS airtightness system is used on the inside of the structure for condensation and vapour control. The system comprises of INTELLO® PLUS Intelligent Air Barrier with accessory components; DUPLEX, TESCON® VANA, TESCON® PRIMER RP, ORCON CLASSIC®, ORCON® MULTIBOND, INTELLO® conneX, TESCON® PROFIL and CONTEGA® SOLIDO SL-D.

INTELLO® PLUS is an intelligent air barrier, providing condensation control. INTELLO® PLUS utilises Hydrosafe® technology which allows the membrane to modify the vapour permeance based on environmental conditions.

Continuous layer of ROCKWOOL™ Rainscreen™ is installed over the SOLITEX® ADHERO FC for continuous insulation, vapour control and improved fire performance.

Prescriptive Description

- A. Summary: Vapour permeable weatherproofing system with continuous insulation layer.
- B. Substrate: External walls.
- C. Manufacturer: Pro Clima
- D. System Reference: FORTX™ MELIOR
 - a. Comprising of SOLITEX® ADHERO FC, TFLEX, TESCON EXTOSEAL®, TESCON EXTORA®, DUPLEX and TESCON® NAIDECK or TESCON® NAIDECK patch and ROCKWOOL™ Rainscreen™.
- E. Product reference: SOLITEX® ADHERO FC
 - a. Type: Adhesive class 4 vapour permeable membrane with Thermoplastic Elastomer Ether Ester (TEEE) membrane with polypropylene microfibre fleece.
 - b. Thickness: 0.70mm.
- F. Performance: SOLITEX® ADHERO FC
 - a. Non-porous, monolithic membrane technology
 - b. Water-resistant SOLID adhesive
 - c. 180 days UV exposure
 - d. ≥100 °C temperature resistance
 - e. Class 4 Vapour Permeable (AS 4200.1)
 - f. Compliant with AS 4200.1
 - g. Flammability index less than 5 (AS 1530.2) and less than 1 mm thick
- G. Performance: TESCON EXTORA®
 - a. Water-resistant SOLID adhesive
 - b. Flammability index less than 5 (AS 1530.2) and less than 1 mm thick
- H. Performance: TESCON EXTOSEAL®
 - a. Water-resistant SOLID adhesive
- I. Performance: TFLEX
 - a. Class 3 Vapour Permeable (AS 4200.1)
 - b. Flammability index less than 5 (AS 1530.2) and less than 1 mm thick
 - c. 300% elongation

- J. Performance: ROCKWOOL™ Rainscreen™
 - a. AS 1530.1 Non-combustible
- K. FORTX™ MELIOR System incorporating SOLITEX® ADHERO FC Adhesive Weather Resistive Barrier with ROCKWOOL™ Rainscreen™ shall pass the requirements of AS/NZS 4284 at $\pm 3.5\text{kPa}$ SLS and $\pm 20\text{mm}$ seismic displacement at SLS.
- L. pro clima SOLITEX® ADHERO FC must be installed in accordance with manufacturer's installation guidelines.

Airtight vapour control system

- A. Summary: Vapour control and airtight membrane system.
- B. Substrate: Internal face of external walls.
- C. Manufacturer: Pro Clima.
- D. System reference: INTELLO® PLUS Vapour Control System
- E. Performance: INTELLO® PLUS
 - a. Polyethylene copolymer vapour variable airtight membrane with polypropylene microfibre fleece.
 - b. Thickness: 0.40mm.
 - c. Intelligent Air Barrier with humidity variable diffusion resistance (Class 2 - Class 3)
 - d. Air control classified as Air barrier (AS 4200.1)
 - e. Flammability index less than 5 (AS 1530.2) and less than 1 mm thick
 - f. When tested to ISO 12572 at test conditions 50 / 93% RH, 23°C the Sd value shall be greater than 1.5m.
- F. Performance: TESCON® VANA
 - a. Water-resistant SOLID adhesive
- G. Performance: TESCON® PROFIL
 - a. Water-resistant SOLID adhesive
- H. Performance: CONTEGA® SOLIDO SL-D.
 - a. Water-resistant SOLID adhesive
- I. The INTELLO® PLUS vapour control system must be installed in accordance with the manufacturer's installation guidelines.

FORTX™ MELIOR SYSTEM WITH CLASS 3 ADHESIVE WRB, EXTERNAL INSULATION AND VAPOUR CONTROL

Schedule Item

Façade Weatherproofing System

Manufacturer insight

On the exterior side of the structure, the system comprises of SOLITEX EXTASANA ADHERO® adhesive Weather Resistive Barrier (WRB) with accessory components: TFLEX, TESCON EXTONSEAL®, TESCON EXTORA®, and TESCON® NAIDECK or TESCON® NAIDECK Patch. DUPLEX is used as an installation aid for TFLEX flexible control joint material.

SOLITEX EXTASANA ADHERO® is a class 3 vapour permeable membrane in accordance with AS 4200.1. Tear-resistant synthetic adhesive WRB. Non-combustible as it is less than 1mm thick and has flammability index less than 5. Withstands exposure to temperatures of up to 100°C and down to -40°C behind external claddings. UV-Resistant (180 days).

On the interior side of the structure, INTELLO® PLUS airtightness system is used on the inside of the structure for condensation and vapour control. The system comprises of INTELLO® PLUS Intelligent Air Barrier with accessory components; DUPLEX, TESCON® VANA, TESCON® PRIMER RP, ORCON CLASSIC®, ORCON® MULTIBOND, INTELLO® conneX, TESCON® PROFIL and CONTEGA® SOLIDO SL-D.

INTELLO® PLUS is an intelligent air barrier, providing condensation control. INTELLO® PLUS utilises Hydrosafe® technology which allows the membrane to modify the vapour permeance based on environmental conditions.

Continuous layer of ROCKWOOL™ Rainscreen™ is installed over the SOLITEX EXTASANA ADHERO® for continuous insulation, vapour control and improved fire performance.

Prescriptive Description

- A. Summary: Vapour permeable weatherproofing system with continuous insulation layer.
- B. Substrate: External walls.
- C. Manufacturer: Pro Clima
- D. System Reference: FORTX™ MELIOR
 - a. Comprising of SOLITEX EXTASANA ADHERO®, TFLEX, TESCON EXTONSEAL®, TESCON EXTORA®, DUPLEX and TESCON® NAIDECK or TESCON® NAIDECK patch and ROCKWOOL™ Rainscreen™.
- E. Product reference: SOLITEX EXTASANA ADHERO®
 - a. Type: Adhesive class 3 vapour permeable membrane with Thermoplastic Elastomer Ether Ester (TEEE) film with polypropylene microfibre fleece.
 - b. Thickness: 0.70mm.
- F. Performance: SOLITEX EXTASANA ADHERO®
 - a. Non-porous, monolithic membrane technology
 - b. Water-resistant SOLID adhesive
 - c. 180 days UV exposure
 - d. ≥100 °C temperature resistance
 - e. Class 3 Vapour Permeable (AS 4200.1)
 - f. Compliant with AS 4200.1
 - g. Flammability index less than 5 (AS 1530.2) and less than 1 mm thick
- G. Performance: TESCON EXTORA®
 - a. Water-resistant SOLID adhesive
 - b. Flammability index less than 5 (AS 1530.2) and less than 1 mm thick
- H. Performance: TESCON EXTONSEAL®
 - a. Water-resistant SOLID adhesive
- I. Performance: TFLEX
 - a. Class 3 Vapour Permeable (AS 4200.1)

- b. Flammability index less than 5 (AS 1530.2) and less than 1 mm thick
 - c. 300% elongation
- J. Performance: ROCKWOOL™ Rainscreen™
 - a. AS 1530.1 Non-combustible
- K. FORTX™ MELIOR System incorporating SOLITEX EXTASANA ADHERO® Adhesive Weather Resistive Barrier with ROCKWOOL™ Rainscreen™ shall pass the requirements of AS/NZS 4284 at ± 3.5 kPa SLS and ± 20 mm seismic displacement at SLS.
- L. pro clima SOLITEX EXTASANA ADHERO® must be installed in accordance with manufacturer's installation guidelines.

Airtight vapour control system

- A. Summary: Vapour control and airtight membrane system.
- B. Substrate: Internal face of external walls.
- C. Manufacturer: Pro Clima.
- D. System reference: INTELLO® PLUS Vapour Control System
- E. Performance: INTELLO® PLUS
 - a. Polyethylene copolymer vapour variable airtight membrane with polypropylene microfibre fleece.
 - b. Thickness: 0.40mm.
 - c. Intelligent Air Barrier with humidity variable diffusion resistance (Class 2 – Class 3)
 - d. Air control classified as Air barrier (AS 4200.1)
 - e. Flammability index less than 5 (AS 1530.2) and less than 1 mm thick
 - f. When tested to ISO 12572 at test conditions 50 / 93% RH, 23°C the Sd value shall be greater than 1.5m.
- F. Performance: TESCON® VANA
 - a. Water-resistant SOLID adhesive
- G. Performance: TESCON® PROFIL
 - a. Water-resistant SOLID adhesive
- H. Performance: CONTEGA® SOLIDO SL-D.
 - a. Water-resistant SOLID adhesive
- I. The INTELLO® PLUS vapour control system must be installed in accordance with the manufacturer's installation guidelines.

4. LOW PITCH ROOFING SYSTEMS

FLATHERO® SYSTEM FOR LOW PITCH ROOFS WITH CLASS 4 ADHESIVE WRB

Schedule Item

Roofing Weatherproofing System

Manufacturer insight

The system comprises of SOLITEX® ADHERO FC adhesive Weather Resistive Barrier (WRB) with accessory components; TESCON EXTOSEAL®, TESCON EXTORA®, TESCON® PRIMER RP, and TESCON® NAIDECK or TESCON® NAIDECK patch.

SOLITEX® ADHERO FC is a class 4 vapour permeable membrane in accordance with AS 4200.1. Tear-resistant synthetic adhesive WRB. It is deemed non-combustible as it is less than 1mm thick and has flammability index less than 5. Withstands exposure to temperatures of up to 100°C and down to -40°C behind external claddings. UV-Resistant (180 days).

Prescriptive Description

- A. Summary: Vapour permeable weatherproofing system.
- B. Substrate: Roofing boards.
- C. Manufacturer: Pro Clima
- D. System Reference: FLATHERO®
 1. Comprising of SOLITEX® ADHERO FC, TESCON EXTOSEAL®, TESCON EXTORA®, TESCON® PRIMER RP, TESCON® NAIDECK or TESCON® NAIDECK patch.
- E. Product reference: SOLITEX® ADHERO FC
 1. Type: Adhesive class 4 vapour permeable membrane with thermoplastic elastomer ether-ester (TEEE) film with polypropylene microfibre fleece.
 2. Thickness: 0.70mm.
- F. Performance: SOLITEX® ADHERO FC
 1. Non-porous, monolithic membrane technology
 2. Water-resistant SOLID adhesive
 3. 180 days UV exposure
 4. ≥ 100 °C temperature resistance
 5. Class 4 Vapour Permeable (AS 4200.1)
 6. Compliant with AS 4200.1
 7. Flammability index less than 5 (AS 1530.2) and less than 1 mm thick
- G. Performance: TESCON EXTORA®
 1. Water-resistant SOLID adhesive
 2. Flammability index less than 5 (AS 1530.2) and less than 1 mm thick
- H. Performance: TESCON EXTOSEAL®
 1. Water-resistant SOLID adhesive
- I. pro clima SOLITEX® ADHERO FC must be installed in accordance with manufacturer's installation guidelines, FlatHERO® Low Pitch Roofing Application guide.

FLATHERO® SYSTEM FOR LOW PITCH ROOFS WITH CLASS 3 ADHESIVE WRB

Schedule Item

Roofing Weatherproofing System

Manufacturer insight

The system comprises of SOLITEX EXTASANA ADHERO® adhesive Weather Resistive Barrier (WRB) with accessory components; TESCON EXTOSEAL®, TESCON EXTORA®, TESCON® PRIMER RP, and TESCON® NAIDECK or TESCON® NAIDECK patch.

SOLITEX EXTASANA ADHERO® is a class 3 vapour permeable membrane in accordance with AS 4200.1. Tear-resistant synthetic adhesive WRB. It is deemed non-combustible as it is less than 1mm thick and has flammability index less than 5. Withstands exposure to temperatures of up to 100°C and down to -40°C behind external claddings. UV-Resistant (180 days).

Prescriptive Description

- A. Summary: Vapour permeable weatherproofing system.
- B. Substrate: Roofing boards.
- C. Manufacturer: Pro Clima
- D. System Reference: FLATHERO®
 - 1. Comprising of SOLITEX EXTASANA ADHERO®, TESCON EXTOSEAL®, TESCON EXTORA®, TESCON® PRIMER RP, TESCON® NAIDECK or TESCON® NAIDECK patch.
- E. Product reference: SOLITEX EXTASANA ADHERO®
 - 1. Type: Adhesive class 3 vapour permeable membrane with Thermoplastic Elastomer Ether Ester (TEEE) film with polypropylene microfibre fleece.
 - 2. Thickness: 0.70mm.
- F. Performance: SOLITEX EXTASANA ADHERO®
 - 1. Non-porous, monolithic membrane technology
 - 2. Water-resistant SOLID adhesive
 - 3. 180 days UV exposure
 - 4. ≥ 100 °C temperature resistance
 - 5. Class 3 Vapour Permeable (AS 4200.1)
 - 6. Compliant with AS 4200.1
 - 7. Flammability index less than 5 (AS 1530.2) and less than 1 mm thick
- G. Performance: TESCON EXTORA®
 - 1. Water-resistant SOLID adhesive
 - 2. Flammability index less than 5 (AS 1530.2) and less than 1 mm thick
- H. Performance: TESCON EXTOSEAL®
 - 1. Water-resistant SOLID adhesive
- I. pro clima SOLITEX EXTASANA ADHERO® must be installed in accordance with manufacturer's installation guidelines, FlatHERO® Low Pitch Roofing Application guide.

FLATHERO® SYSTEM FOR LOW PITCH ROOFS WITH CLASS 4 ADHESIVE WRB AND VAPOUR CONTROL

Schedule Item

Roofing Weatherproofing System

Manufacturer insight

The system comprises of SOLITEX® ADHERO FC adhesive Weather Resistive Barrier (WRB) with accessory components; TESCON EXTOSEAL®, TESCON EXTORA®, TESCON® PRIMER RP and TESCON® NAIDECK or TESCON® NAIDECK Patch.

SOLITEX® ADHERO FC is a class 4 vapour permeable membrane in accordance with AS 4200.1. Tear-resistant synthetic adhesive WRB. It is deemed non-combustible as it is less than 1mm thick and has flammability index less than 5. Withstands exposure to temperatures of up to 100°C and down to -40°C behind external claddings. UV-Resistant (180 days).

INTELLO® PLUS airtightness system is used on the inside of the structure for condensation and vapour control. The system comprises of INTELLO® PLUS Intelligent Air Barrier with accessory components; TESCON® VANA, TESCON® PRIMER RP, ORCON CLASSIC®, ORCON® MULTIBOND, INTELLO® conneX, TESCON® PROFIL and CONTEGA® SOLIDO SL-D.

INTELLO® PLUS is an intelligent air barrier, providing condensation control. INTELLO® PLUS utilises Hydrosafe® technology which allows the membrane to modify the vapour permeance based on environmental conditions.

Prescriptive Description

Weatherproofing

- A. Summary: Vapour permeable weatherproofing system.
- B. Substrate: External roofs.
- C. Manufacturer: Pro Clima
- D. System Reference: FlatHERO®
 - 1. Comprising of SOLITEX® ADHERO FC, TESCON EXTOSEAL®, TESCON EXTORA®, DUPLEX and TESCON® NAIDECK or TESCON® NAIDECK patch.
- E. Product reference: SOLITEX® ADHERO FC
 - 1. Type: Adhesive class 4 vapour permeable membrane with Thermoplastic Elastomer Ether Ester (TEEE) film with polypropylene microfibre fleece.
 - 2. Thickness: 0.70mm.
- F. Performance: SOLITEX® ADHERO FC
 - 1. Non-porous, monolithic membrane technology
 - 2. Water-resistant SOLID adhesive
 - 3. 180 days UV exposure
 - 4. ≥100 °C temperature resistance
 - 5. Class 4 Vapour Permeable (AS 4200.1)
 - 6. Compliant with AS 4200.1
 - 7. Flammability index less than 5 (AS 1530.2) and less than 1 mm thick
- G. Performance: TESCON EXTORA®
 - 1. Water-resistant SOLID adhesive
 - 2. Flammability index less than 5 (AS 1530.2) and less than 1 mm thick
- H. Performance: TESCON EXTOSEAL®
 - 1. Water-resistant SOLID adhesive
- I. pro clima SOLITEX EXTASANA ADHERO® must be installed in accordance with manufacturer's installation guidelines, FlatHERO® Low Pitch Roofing Application guide.

Airtight vapour control system

- A. Summary: Vapour control and airtight membrane system.
- B. Substrate: Internal face of roof structure.
- C. Manufacturer: Pro Clima.
- D. System reference: INTELLO® PLUS Vapour Control System
- E. Performance: INTELLO® PLUS
 - a. Polyethylene copolymer vapour variable airtight membrane with polypropylene microfibre fleece.
 - b. Thickness: 0.4mm.
 - c. Intelligent Air Barrier with humidity variable diffusion resistance (Class 2- Class 3)
 - d. Air control classified as Air barrier (AS 4200.1)
 - e. Flammability index less than 5 (AS 1530.2) and less than 1 mm thick
 - f. When tested to ISO 12572 at test conditions 50 / 93% RH, 23°C the Sd value shall be greater than 1.5m.
- F. Performance: TESCON® VANA
 - a. Water-resistant SOLID adhesive
- G. Performance: TESCON® PROFIL
 - a. Water-resistant SOLID adhesive
- H. Performance: CONTEGA® SOLIDO SL-D.
 - a. Water-resistant SOLID adhesive
- I. The INTELLO® PLUS vapour control system must be installed in accordance with the manufacturer's installation guidelines.

FLATHERO® SYSTEM FOR LOW PITCH ROOFS WITH CLASS 3 ADHESIVE WRB AND VAPOUR CONTROL

Schedule Item

Roofing Weatherproofing System

Manufacturer insight

The system comprises of SOLITEX EXTASANA ADHERO® adhesive Weather Resistive Barrier (WRB) with accessory components; TESCON EXTOSEAL®, TESCON EXTORA®, TESCON® PRIMER RP and TESCON® NAIDECK or TESCON® NAIDECK patch.

SOLITEX EXTASANA ADHERO® is a class 3 vapour permeable membrane in accordance with AS 4200.1. Tear-resistant synthetic adhesive WRB. It is deemed non-combustible as it is less than 1mm thick and has flammability index less than 5. Withstands exposure to temperatures of up to 100°C and down to -40°C behind external claddings. UV-Resistant (180 days).

INTELLO® PLUS airtightness system is used on the inside of the structure for condensation and vapour control. The system comprises of INTELLO® PLUS Intelligent Air Barrier with accessory components; TESCON® VANA, TESCON® PRIMER RP, ORCON CLASSIC®, ORCON® MULTIBOND, INTELLO® conneX, TESCON® PROFIL and CONTEGA® SOLIDO SL-D.

INTELLO® PLUS is an intelligent air barrier, providing condensation control. INTELLO® PLUS utilises Hydrosafe® technology which allows the membrane to modify the vapour permeance based on environmental conditions.

Prescriptive Description

Weatherproofing

- A. Summary: Vapour permeable weatherproofing system.
- B. Substrate: External roofs.
- C. Manufacturer: Pro Clima
- D. System Reference: FlatHERO®
 1. Comprising of SOLITEX EXTASANA ADHERO®, TFLEX, TESCON EXTOSEAL®, TESCON EXTORA®, DUPLEX and TESCON® NAIDECK or TESCON® NAIDECK patch.
- E. Product reference: SOLITEX EXTASANA ADHERO®
 1. Type: Adhesive class 3 vapour permeable membrane with thermoplastic elastomer ether-ester (TEEE) film with polypropylene microfibre fleece.
 2. Thickness: 0.70mm.
- F. Performance: SOLITEX EXTASANA ADHERO®
 1. Non-porous, monolithic membrane technology
 2. Water-resistant SOLID adhesive
 3. 180 days UV exposure
 4. ≥ 100 °C temperature resistance
 5. Class 3 Vapour Permeable (AS 4200.1)
 6. Compliant with AS 4200.1
 7. Flammability index less than 5 (AS 1530.2) and less than 1 mm thick
- G. Performance: TESCON EXTORA®
 1. Water-resistant SOLID adhesive
 2. Flammability index less than 5 (AS 1530.2) and less than 1 mm thick
- H. Performance: TESCON EXTOSEAL®
 1. Water-resistant SOLID adhesive
- I. pro clima SOLITEX EXTASANA ADHERO® must be installed in accordance with manufacturer's installation guidelines, FlatHERO® Low Pitch Roofing Application guide.

Airtight vapour control system

- A. Summary: Vapour control and airtight membrane system.
- B. Substrate: Internal face of roof structure.
- C. Manufacturer: Pro Clima.
- D. System reference: INTELLO® PLUS Vapour Control System
- E. Performance: INTELLO® PLUS
 - a. Polyethylene copolymer vapour variable airtight membrane with polypropylene microfibre fleece.
 - b. Thickness: 0.4mm.
 - c. Intelligent Air Barrier with humidity variable diffusion resistance (Class 2- Class 3)
 - d. Air control classified as Air barrier (AS 4200.1)
 - e. Flammability index less than 5 (AS 1530.2) and less than 1 mm thick
 - f. When tested to ISO 12572 at test conditions 50 / 93% RH, 23°C the Sd value shall be greater than 1.5m.
- F. Performance: TESCON® VANA
 - a. Water-resistant SOLID adhesive
- G. Performance: TESCON® PROFIL
 - a. Water-resistant SOLID adhesive
- H. Performance: CONTEGA® SOLIDO SL-D.
 - a. Water-resistant SOLID adhesive
- I. The INTELLO® PLUS vapour control system must be installed in accordance with the manufacturer's installation guidelines.

5. PRECAST VAPOUR CONTROL

CONDENSATION CONTROL SYSTEM FOR CONCRETE BUILDINGS WITH INTELLO® PLUS

Schedule Item

Airtight Condensation Control System

Manufacturer insight

INTELLO® PLUS airtightness system is used on the inside of the precast concrete and steel frame for condensation and vapour control. The system comprises of INTELLO® PLUS Intelligent Air Barrier with accessory components; DUPLEX, TESCON® VANA, TESCON® PRIMER RP, ORCON CLASSIC®, ORCON® MULTIBOND, INTELLO® conneX, TESCON® PROFIL and CONTEGA® SOLIDO SL-D.

INTELLO® PLUS is an intelligent air barrier, providing condensation control. INTELLO® PLUS utilises Hydrosafe® technology which allows the membrane to modify the vapour permeance based on environmental conditions.

Prescriptive Description

- A. Summary: Vapour control and airtight membrane system.
- B. Substrate: Internal face of external walls.
- C. Manufacturer: Pro Clima.
- D. System reference: INTELLO® PLUS Vapour Control System
- E. Performance: INTELLO® PLUS
 - a. Polyethylene copolymer vapour variable airtight membrane with polypropylene microfibre fleece.
 - b. Thickness: 0.40mm.
 - c. Intelligent Air Barrier with humidity variable diffusion resistance (Class 2- Class 3)
 - d. Air control classified as Air barrier (AS 4200.1)
 - e. Flammability index less than 5 (AS/NZS 1530.2) and less than 1 mm thickness
 - f. When tested to ISO 12572 at test conditions 50 / 93% RH, 23°C the Sd value shall be greater than 1.5m.
- F. Performance: TESCON® VANA
 - a. Water-resistant SOLID adhesive
- G. Performance: TESCON® PROFIL
 - a. Water-resistant SOLID adhesive
- H. Performance: CONTEGA® SOLIDO SL-D.
 - a. Water-resistant SOLID adhesive
- I. The INTELLO® PLUS vapour control system must be installed in accordance with the manufacturer's installation guidelines, INTELLO® PLUS Application Guide for Concrete Buildings.
- J. A hygrothermal analysis by a trained WUFI® professional must be undertaken.

Your local support

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