Senerflex® Channeled Adhesive Design Wall System
Field Checklist

Note:
This checklist is not a substitute for project or Senerflex® specifications, details and application guidelines.

General:
☐ Verify materials used are specified and approved by the Wall Systems business of BASF Corporation (herein referred to as “BASF Wall Systems”).
☐ Ensure a means of drainage is provided at terminations of the Senerflex Channeled Adhesive Design including window/door head, fascia/soffit, foundation, roof, vents, louvers, etc.
☐ Review the specific Product Bulletins of the materials that will be applied.

Sequencing and Scheduling:
☐ Coordinate and schedule installation of Senerflex Channeled Adhesive Design with related work of other sections.
☐ Coordinate and schedule installation of trim, flashing, parapet cap, through-wall scuppers and joint sealers to prevent water infiltration behind the system.
☐ Coordinate and schedule installation of window/door head, fascia/soffit, foundation, roof, vents, louvers, etc.

Storage:
☐ Store wet materials in cool, dry place protected from freezing. Store at no less than 40°F (50°F for ALUMINA, AURORA STONE and AURORA TC-100 finishes).
☐ Store wet materials out of direct sunlight. If wet material is stored in a trailer, the trailer must be vented.
☐ Store insulation board flat and protected from direct sunlight.
☐ Store Reinforcing Mesh in dry place protected from exposure to moisture.

Conditions:
☐ Do not apply wet materials in ambient temperatures below 40°F (50°F for ALUMINA, AURORA STONE and AURORA TC-100 finishes).
☐ Do not apply materials to frozen surfaces.
☐ Maintain ambient temperatures at or above 40°F (50°F for ALUMINA, AURORA STONE and AURORA TC-100 finishes), during and at least 24 hours after application or until materials are dry.
☐ Do not install in temperatures less than 40°F (50°F for ALUMINA, AURORA STONE and AURORA TC-100 finishes), supplemental heat with proper ventilation must be provided.

Protection:
☐ All adjacent surfaces must be protected from damage during application of the Senerflex Channeled Adhesive Design.
☐ To prevent water infiltration behind the system and/or other deleterious effects, temporary protection must be provided when adverse weather is expected and when an area is completed.

Examination:
☐ Verify substrate is acceptable to BASF Wall Systems and installed in accordance to substrate manufacturer.
☐ Substrate shall be dry, clean, sound and free of releasing agents, paints or other residue or coatings unless specifically allowed by BASF Wall Systems.
☐ Substrate shall be flat, free of fins or irregularities greater than 1/4" per 10’.

Mixing (Ensure all product mixing instructions are followed):
☐ Use cool, clean, potable water.
☐ Use proper mixing ratio for materials.
☐ Prepare in a container that is clean and free of foreign substances. Do not use a container which has contained or been cleaned with a petroleum-based product.
☐ Use no additives.
☐ Do not overmix the materials.

Air/Water-Resistant Barrier:
☐ All sheathing joints and rough windows/doors must be protected and the air/water-resistant barrier applied in accordance with Senerflex Secondary Moisture Protection Guidelines.
☐ Unsatisfactory conditions shall be reported to the General Contractor and corrected before application of the air/water-resistant barrier.
☐ Ensure [FLEXGUARD 4 Reinforcing Mesh/SEniERSHIELD] or [FLASHING PRIMER/SENERFLASH/SENiERSHIELD] or [SELF-ADHERING MESH TAPE/SENiERSHIELD] or [4” SHEATHING FABRIC/SEniERSHIELD-R] overlaps the top flange of the flashing.
☐ Installed materials should be checked before continuing system application.

Senershield (See Product Bulletin also):
☐ Apply the [FLEXGUARD 4 Reinforcing Mesh/SEniERSHIELD] [FLASHING PRIMER/SENERFLASH 4] or [SELF-ADHERING MESH TAPE/SEniERSHIELD] or [4” SHEATHING FABRIC/SEniERSHIELD-R] in accordance with SENERSHIELD product bulletin.

Eps Insulation Board:
☐ Maintain minimum thickness of 3/4” in all areas, including behind aesthetic joints/reveals.
☐ Install in a running bond pattern.
☐ Reinforcing Mesh board must not line up in joints in sheathing substrates.
☐ Aesthetic grooves cut in insulation board must not line up in joints in sheathing substrate.
☐ Butt insulation board tightly. Fill gaps between insulation boards with slivers of insulation board.
☐ Allow sufficient space for caulking joints at expansion joints and around all penetrations.
☐ Joints in insulation board must be offset from corners of openings.
☐ Do not use proper adhesive for each type of substrate.
☐ Adhesive shall be applied to insulation board, not to substrate.
☐ Do not allow adhesive to fill in voids between insulation board joints.
☐ Do not allow adhesive to dry on insulation board prior to application.
☐ When installing insulation board, apply pressure over the entire surface so as to achieve uniform contact and high initial grip.
☐ Check for proper type and color.
☐ All exposed edges (e.g. windows, doors, expansion joints) of insulation board must be wrapped with Base Coat/Reinforcing Mesh.
☐ Do not apply to frozen surfaces.
☐ Do not apply materials to frozen surfaces.
☐ Apply the insulation board layer is dry, rasper flush any irregularities of the insulation board greater than 1/16”.
☐ If the insulation board has discolored due to prolonged exposure to sunlight, it must be replaced or sanded to remove discoloration surface ensuring a minimum thickness of ¼” is maintained.

Base Coat/Reinforcing Mesh:
☐ Check for proper type and thickness of Base Coat.
☐ Reinforcing Mesh must not be tacked or stapled to insulation board.
☐ Reinforcing Mesh must be fully embedded in Base Coat. No mesh color or predominant Mesh pattern shall be visible.
☐ When two layers of Reinforcing Mesh are used, the heavier Mesh must be applied first.
☐ Allow base coat to dry before second layer of Reinforcing Mesh is applied.
☐ Diagonal strips of Reinforcing Mesh must be applied at corners of all openings.
☐ FLEXGUARD 4, INTERMEDIATE 6 or 12 Reinforcing Mesh must be continuous at all corners and lapped a minimum of 2 1/2” at the mesh joints.
☐ When STRONG 15 or HI-IMPACT 20 Reinforcing Mesh is used, the joints of the Reinforcing Mesh must be butted. STRONG 15 or HI-IMPACT 20 require an overlay of Base Coat/FLEXGUARD 4 or INTERMEDIATE 6 Reinforcing Mesh.
☐ When two layers of Reinforcing Mesh are used, the joints in the second layer must not line up with the joints in the first layer.
☐ All exposed edges (e.g. windows, doors, expansion joints) of insulation board must be wrapped with Base Coat/Reinforcing Mesh.
☐ Base Coat/Reinforcing Mesh must be clean, dry, hard and free of irregularities prior to Finish Coat application.

Finish Coat:
☐ Check for proper type and color.
☐ Do not overmix Finish, as overmixing can entrap air in the Finish Coat.
☐ Maintain wet edge when applying Finish Coat. Stop at a natural break such as an aesthetic joint, expansion joint, corner, etc. to help alleviate cold joints.
☐ Check for proper type and color.
☐ The Finish must be protected from airborne contaminants, weather and any other damage until it is dry.
☐ Retain records of batch numbers of Finish Coat. Always use finish from same batch on adjacent wall areas.

Technical Support:
Consult the BASF Wall Systems’ Technical Services Department for specific recommendations concerning all other applications. Consult the Senerflex® website, www.senergy.basf.com, for additional information about products and systems and for updated literature.