Gallfer® SAU-HT

Installation Instructions

Storage:

1. Gallfer SAU-HT should be stored at room temperature, upright in the original cardboard packaging in a dry properly ventilated area. Keep clear from open flames, sparks, harmful substances and shelter from the elements.
2. Only rolls destined for same-day use should be removed from its storage area.
3. For best results store in temperatures between 40°F (4.4°C) and 90°F (32°C).
4. If room temperature storage is not available, it is recommended to heat material to a minimum temperature of 40°F (4.4°C) prior to application.
5. Be careful not to load too much material on the roof deck in one area. Disburse the weight over structural supports where possible.

SURFACE PREPARATION

1. Gallfer SAU-HT may be applied to a plywood, OSB, concrete or masonry roof surface and should be fully covered as soon as possible or within 90 days. Priming is not required for attaching to wood surfaces when the temperature is above 40°F. Concrete and masonry decks should be primed with a solvent or a water based primer that meets ASTM D41 for asphalt based self-adhesive membranes.
2. The roof surface must be clean, dry, and protrusion free.
3. The roof deck should have no voids, damaged or unsupported areas.
4. For re-roofing projects replace any water damaged sheathing and sweep roof deck thoroughly removing dust, dirt, loose nails and old roofing material.
5. Use of calcium or salt for ice and snow removal is not recommended.

APPLICATION:

1. For best results SAU-HT should be installed on a dry deck when the air, membrane, and substrate temperature is over 40°F (4.4°C).
2. For cold weather applications below 40°F (4.4°C) a primer should be used and the laps blind nailed. Blind nail with 3/8" head roofing nails of 1" or longer in the 3" overlap area marked with a “+” symbol.
3. It is also recommended to blind nail on steep slopes 6:12 or greater or when installing at temperatures greater than 100°F (38°C).
4. SAU-HT is to be laid out horizontally (parallel) to the eave with the printed side up, using 3" horizontal laps and 6" vertical laps.
5. SAU-HT may also be installed vertically. For vertical installation anchor with 3/8” head roofing nails along the upper most edge 3 inches down with 6 equally spaced nails across the 36” width. Ensure roofing nails are perpendicular to the roof deck so that the head lays flat and seals well to the top surface of the SAU-HT. Vertical overlaps to be 6” and 3” for horizontal laps if required.
6. Always work from the low point to the high point of the roof. Apply the membrane in valleys before the membrane is applied to the eaves.
7. Cut the membrane into manageable lengths. Peel back 1-2 feet of release liner, align the membrane, and continue to peel the release liner from the membrane. Hand press or walk on, then follow with a 40 lb or heavier pressure roller to smooth and secure the membrane, especially at the overlap layers. If a roller is not available or considered safe, walk on all laps, and as much of the field area as possible to push the adhesive into the pours of the roof deck and overlap.
8. For eave installation SAU-HT should be applied over the metal drip edge at the eave. Do not fold SAU-HT over the roof edge unless the edge is subsequently covered over by a drip edge or other flashing material. SAU-HT should extend from the eave up the roof to a point 24” inside the exterior wall. This should be above the maximum ice dam buildup line in most areas. Consult your local building code for specific requirements.
9. For valleys and ridge applications, peel the release liner; center the sheet over the valley or ridge, drape, and hand press in place. Note: It is very important SAU-HT stay in contact with the roof deck into and out of the valley area. SAU-HT should never be suspended or bridge a valley. It is recommended to follow up with a pressure roller or by walking on the surface. Give special attention to ALL perimeter edge areas.
10. Do not install SAU-HT directly over old roof covering.

11. Repair holes, fish mouths, tears, and any other penetration damage to the membrane with a round patch of membrane extending passed the damaged area by 6" in all directions. If fasteners are removed leaving holes in the membrane or other penetrations are accidentally produced, they must also be patched.
12. Do not install fasteners through membrane over any unsupported areas of the structural deck, such as over joints between adjacent structural panels.
13. Protect completed roof areas to avoid damage during roof installation and material transportation by installing protective boardwalks to enable passage of people, equipment and products.
14. For high elevation, high wind or wind driven rain it is recommended to cover the entire roof deck with SAU-HT.

PRECAUTIONS

1. Gallfer SAU-HT is not designed for indefinite outdoor exposure. Final roofing should be installed within 90 days of installation. SAU-HT is designed for use under metal, tile, slate, shake and shingle roofing.
2. Gallfer SAU-HT is an air, water and vapor barrier (0.03 perms). It must be installed above a properly ventilated space. Follow ALL building codes applicable to your geographic regions and structure type.
3. Depending on roof pitch and surface conditions, blocking maybe required to support roofing materials placed on the roof.
4. For extended exposure applications, the surface layer may be slightly discolored; this is normal, and will not affect the product's performance.

CAUTION - READ GOOD SAFETY PRACTICES BELOW

As with any roofing product, always follow safe roofing codes & practices (OSHA) and always use and wear fall protection devices when working on roofs. Release liners are slippery and should be removed from work area immediately after application. Use caution when walking or standing on Gallfer SAU-HT as slip resistance may vary with surface conditions, weather, footwear and roof pitch. Failure to use proper safety gear and footwear can result in serious injury. Beyond the Gallfer SAU-HT application instructions you should check with your local, county, state or national building code as applicable.

QC PROFIT LIMITED

Web: www.qcprofit.com

Email:info@qcprofit.com

Tel: 0086-186-6021-6970

Add: 6th Floor, Tian'an Building, ChangWu Road, Changzhou, Jiangsu Province, China