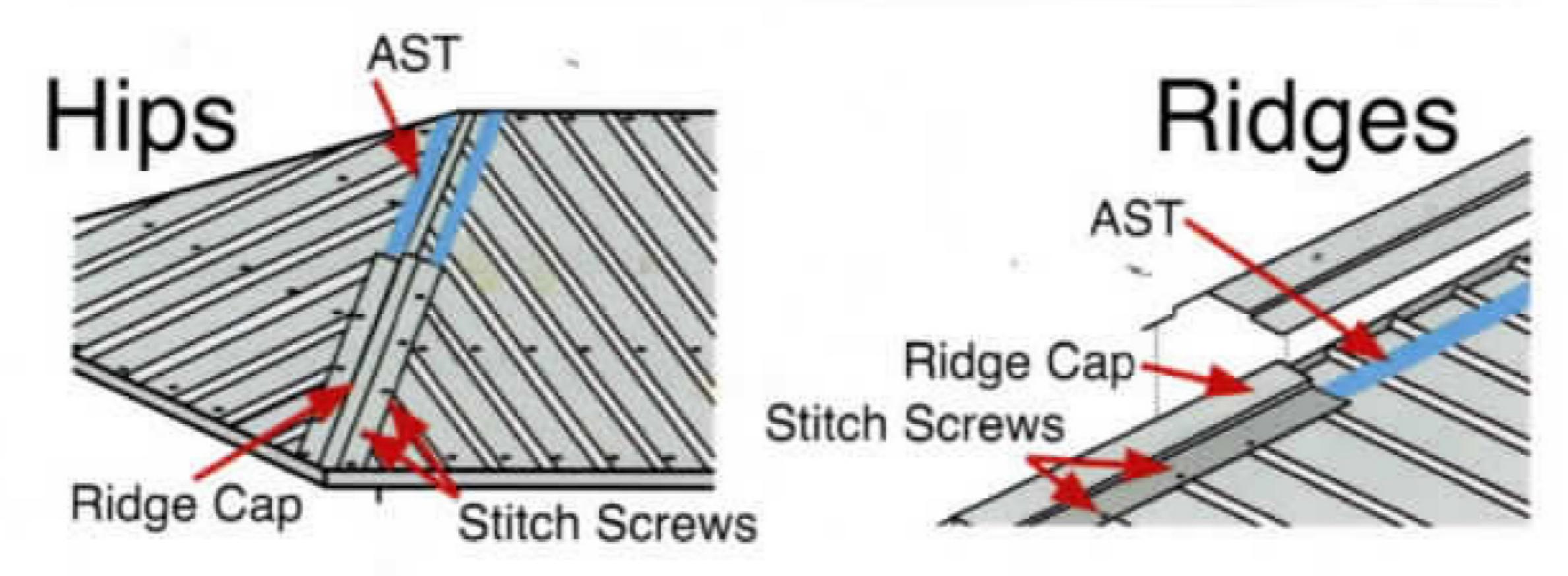
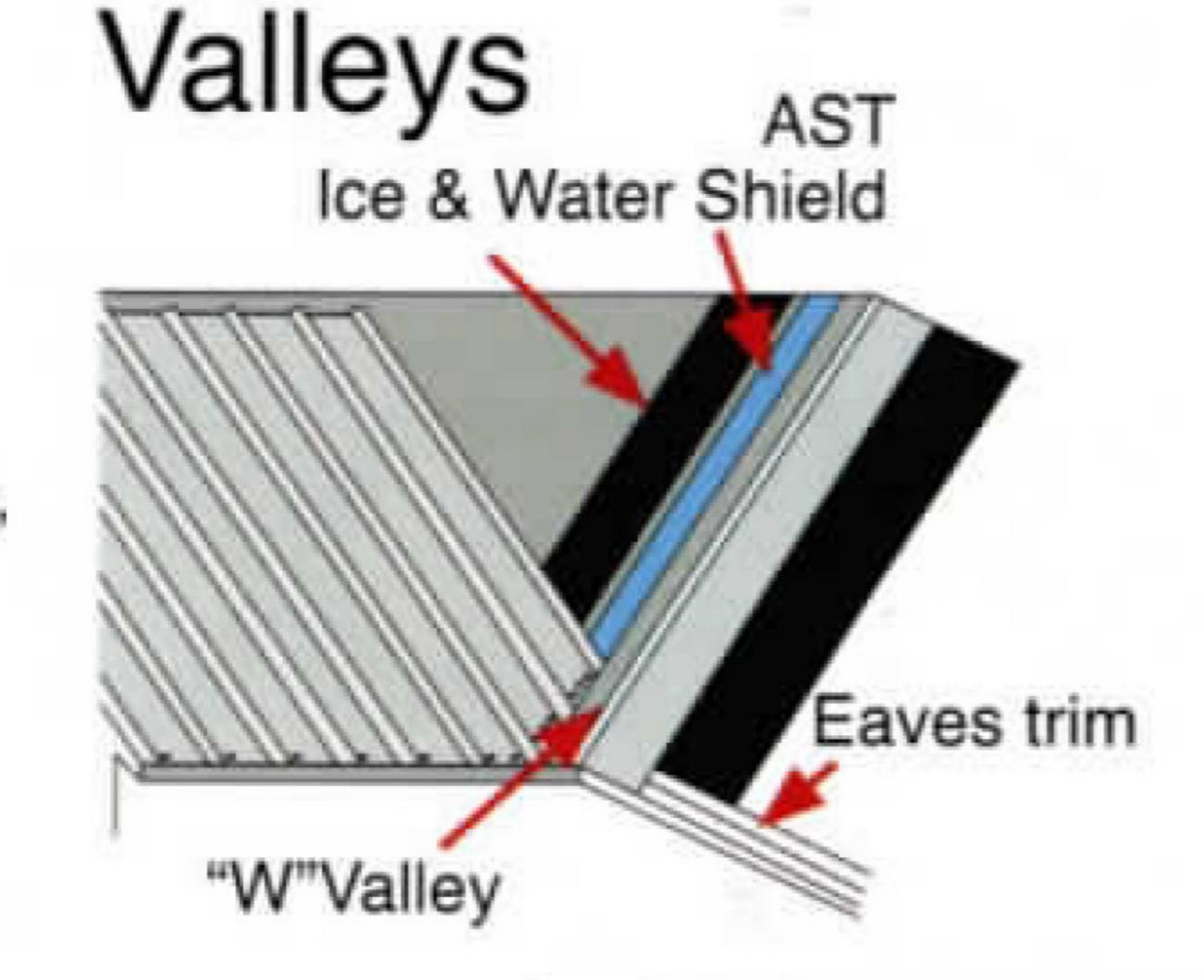
EMSEAL® AST ACRYLIC SEALANT TAPE



- AST is a self-adhering foam tape impregnated with water-based acrylic-modified asphalt emulsion.
- It is an excellent alternative to butyl tape & open-cell polyurethane foam strips.
- Will not dry out and become hard and brittle
- UV-stable
- Highly resistant to bugs and vermin
- Will not extrude from between joints like caulk or butyl tapes
- Conforms to contours and fills gaps
- Maintains a seal during thermal expansion and contraction of building panels
- Excellent compressibility and recovery (minimal compression set)
- Good thermal and sound insulator
- No shrinkage or blow-out due to closed-cell breakage
- Supplied with self-adhesive on one side. After removal of packaging, material begins gradual expansion - more slowly in cold weather than in hot.

| SUPPLIED SIZE | EXPANDED SIZE | LF/B0X | REELS PER BOX | REEL |
|------------------|------------------|-----------|------------------|-------|
| 1/4" x 1" =- | 1" x 1" | 511.68 LF | 26 | 19.7' |
| 3/8" x 1" | 1-1/2" x 1" | 314.88 LF | 24 | 13.1' |





Copyright © 2010, by EMSEAL Joint Systems Ltd, All Rights Reserved

| TABLE 1: TYPICAL PHYSICAL PROPERTIES OF AST | | | | | |
|---|---|--------------|--|--|--|
| PROPERTY | VALUE | TEST METHOD | | | |
| BASE MATERIAL | OPEN CALL, HIGH DENSITY, POLYURETHANE FOAM | N/A | | | |
| IMPREGNATION | ACRYLIC-MODIFIED ASPHALT | N/A | | | |
| COLOR | BLACK | N/A | | | |
| TENSILE STRENGTH | 21 PSI MIN (145 KPA) | ASTM D3574 | | | |
| ELONGATION - ULTIMATE | 3/8" X 3/8" | ASTM D3574 | | | |
| TEMPERATURE RANGE HIGH-PERMANENT HIGH-SHORT TERM LOW | 185°F (85°C) 203°F (95°C) -40°F (-40°C) | ASTM C711 | | | |
| SOFTENING POINT | 140°F MIN (60°C) | ASTM D816 | | | |
| UV RESISTANCE | EXCELLENT | | | | |
| MILDEW RESISTANCE | EXCELLENT | | | | |
| RESISTANCE TO AGING | EXCELLENT | | | | |
| BLEEDING -40°F TO 180°F (-40°F TO 85°F) | NONE (WHEN COMPRESSED DOWN TO 20 % OF UNCOMPRESSED THICKNESS) | | | | |
| COMPRESSION SET 70°C 50% RH AFTER 72HRS | 3 % MAX | ASTM D3574 | | | |
| THERMAL CONDUCTIVITY | 0.34 BTU. IN/HR. FT2.°F (0.05 W/M. °C) | ASTM C518 | | | |
| LOW. TEMP. FLEXIBILITY 32°F TO -10°F (0°C TO -23°C) | NO CRACKING OR SPLITTING | ASTM C711 | | | |
| WATER VAPOR TRANSMISSION | 0.011 PERMS | ASTM C355-64 | | | |