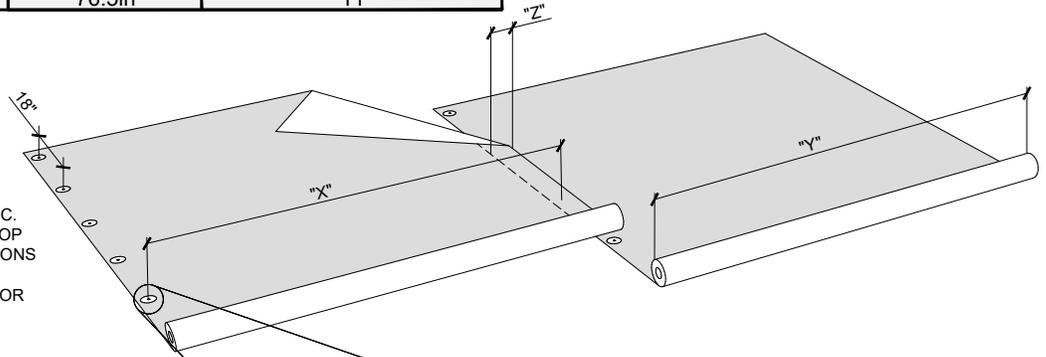


Roll Width (Y)	Lap Width (Z)	Row Spacing (X)	Fasteners Per Square
120in (3.048m)	6in	114in	7
82.5in (2.1m)		76.5in	11

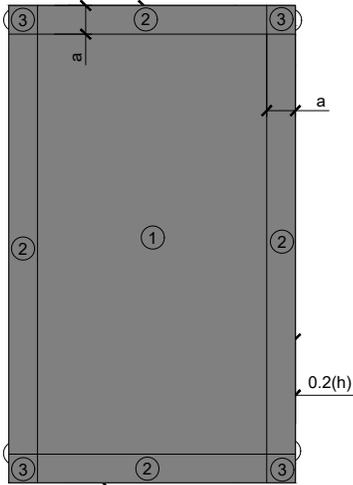
**18" O.C. IN LAP FASTENING PATTERN**

- ONE (1) ROW CENTERED 2" IN FROM EDGE OF FULL SHEET SPACED 18" O.C.
- ENSURE FASTENER ENGAGES THE TOP FLANGE FOR STEEL DECK APPLICATIONS
- ENSURE FASTENER ROWS ARE PERPENDICULAR TO DECK FLUTES FOR STEEL DECK APPLICATIONS



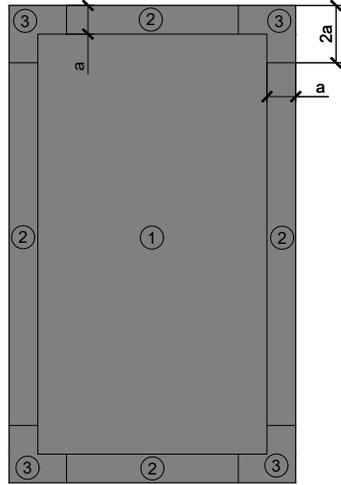
**FASTENING PATTERN FOR SHADED AREAS**

ROOF HEIGHT LESS THAN OR EQUAL TO 60ft

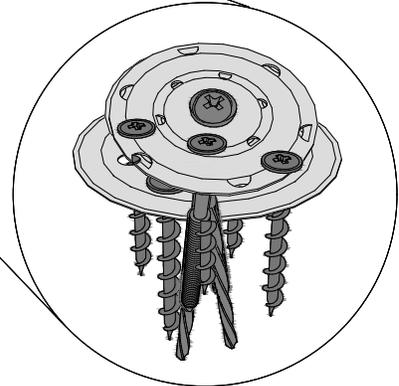


$a = 40\%$  of least horizontal dimension or 40% of eave height, whichever is smaller, but not less than either 4% of least horizontal dimension or 3ft

ROOF HEIGHT GREATER THAN 60ft



$a = 10\%$  of least horizontal dimension, but not less than 3ft



**SOPREMA 24/36/60/84/120/150/180/210/240/300/360/420/480/540/600/660/720/780/840/900/960/1020/1080/1140/1200/1260/1320/1380/1440/1500/1560/1620/1680/1740/1800/1860/1920/1980/2040/2100/2160/2220/2280/2340/2400/2460/2520/2580/2640/2700/2760/2820/2880/2940/3000/3060/3120/3180/3240/3300/3360/3420/3480/3540/3600/3660/3720/3780/3840/3900/3960/4020/4080/4140/4200/4260/4320/4380/4440/4500/4560/4620/4680/4740/4800/4860/4920/4980/5040/5100/5160/5220/5280/5340/5400/5460/5520/5580/5640/5700/5760/5820/5880/5940/6000/6060/6120/6180/6240/6300/6360/6420/6480/6540/6600/6660/6720/6780/6840/6900/6960/7020/7080/7140/7200/7260/7320/7380/7440/7500/7560/7620/7680/7740/7800/7860/7920/7980/8040/8100/8160/8220/8280/8340/8400/8460/8520/8580/8640/8700/8760/8820/8880/8940/9000/9060/9120/9180/9240/9300/9360/9420/9480/9540/9600/9660/9720/9780/9840/9900/9960/10020/10080/10140/10200/10260/10320/10380/10440/10500/10560/10620/10680/10740/10800/10860/10920/10980/11040/11100/11160/11220/11280/11340/11400/11460/11520/11580/11640/11700/11760/11820/11880/11940/12000/12060/12120/12180/12240/12300/12360/12420/12480/12540/12600/12660/12720/12780/12840/12900/12960/13020/13080/13140/13200/13260/13320/13380/13440/13500/13560/13620/13680/13740/13800/13860/13920/13980/14040/14100/14160/14220/14280/14340/14400/14460/14520/14580/14640/14700/14760/14820/14880/14940/15000/15060/15120/15180/15240/15300/15360/15420/15480/15540/15600/15660/15720/15780/15840/15900/15960/16020/16080/16140/16200/16260/16320/16380/16440/16500/16560/16620/16680/16740/16800/16860/16920/16980/17040/17100/17160/17220/17280/17340/17400/17460/17520/17580/17640/17700/17760/17820/17880/17940/18000/18060/18120/18180/18240/18300/18360/18420/18480/18540/18600/18660/18720/18780/18840/18900/18960/19020/19080/19140/19200/19260/19320/19380/19440/19500/19560/19620/19680/19740/19800/19860/19920/19980/20040/20100/20160/20220/20280/20340/20400/20460/20520/20580/20640/20700/20760/20820/20880/20940/21000/21060/21120/21180/21240/21300/21360/21420/21480/21540/21600/21660/21720/21780/21840/21900/21960/22020/22080/22140/22200/22260/22320/22380/22440/22500/22560/22620/22680/22740/22800/22860/22920/22980/23040/23100/23160/23220/23280/23340/23400/23460/23520/23580/23640/23700/23760/23820/23880/23940/24000/24060/24120/24180/24240/24300/24360/24420/24480/24540/24600/24660/24720/24780/24840/24900/24960/25020/25080/25140/25200/25260/25320/25380/25440/25500/25560/25620/25680/25740/25800/25860/25920/25980/26040/26100/26160/26220/26280/26340/26400/26460/26520/26580/26640/26700/26760/26820/26880/26940/27000/27060/27120/27180/27240/27300/27360/27420/27480/27540/27600/27660/27720/27780/27840/27900/27960/28020/28080/28140/28200/28260/28320/28380/28440/28500/28560/28620/28680/28740/28800/28860/28920/28980/29040/29100/29160/29220/29280/29340/29400/29460/29520/29580/29640/29700/29760/29820/29880/29940/30000/30060/30120/30180/30240/30300/30360/30420/30480/30540/30600/30660/30720/30780/30840/30900/30960/31020/31080/31140/31200/31260/31320/31380/31440/31500/31560/31620/31680/31740/31800/31860/31920/31980/32040/32100/32160/32220/32280/32340/32400/32460/32520/32580/32640/32700/32760/32820/32880/32940/33000/33060/33120/33180/33240/33300/33360/33420/33480/33540/33600/33660/33720/33780/33840/33900/33960/34020/34080/34140/34200/34260/34320/34380/34440/34500/34560/34620/34680/34740/34800/34860/34920/34980/35040/35100/35160/35220/35280/35340/35400/35460/35520/35580/35640/35700/35760/35820/35880/35940/36000/36060/36120/36180/36240/36300/36360/36420/36480/36540/36600/36660/36720/36780/36840/36900/36960/37020/37080/37140/37200/37260/37320/37380/37440/37500/37560/37620/37680/37740/37800/37860/37920/37980/38040/38100/38160/38220/38280/38340/38400/38460/38520/38580/38640/38700/38760/38820/38880/38940/39000/39060/39120/39180/39240/39300/39360/39420/39480/39540/39600/39660/39720/39780/39840/39900/39960/40020/40080/40140/40200/40260/40320/40380/40440/40500/40560/40620/40680/40740/40800/40860/40920/40980/41040/41100/41160/41220/41280/41340/41400/41460/41520/41580/41640/41700/41760/41820/41880/41940/42000/42060/42120/42180/42240/42300/42360/42420/42480/42540/42600/42660/42720/42780/42840/42900/42960/43020/43080/43140/43200/43260/43320/43380/43440/43500/43560/43620/43680/43740/43800/43860/43920/43980/44040/44100/44160/44220/44280/44340/44400/44460/44520/44580/44640/44700/44760/44820/44880/44940/45000/45060/45120/45180/45240/45300/45360/45420/45480/45540/45600/45660/45720/45780/45840/45900/45960/46020/46080/46140/46200/46260/46320/46380/46440/46500/46560/46620/46680/46740/46800/46860/46920/46980/47040/47100/47160/47220/47280/47340/47400/47460/47520/47580/47640/47700/47760/47820/47880/47940/48000/48060/48120/48180/48240/48300/48360/48420/48480/48540/48600/48660/48720/48780/48840/48900/48960/49020/49080/49140/49200/49260/49320/49380/49440/49500/49560/49620/49680/49740/49800/49860/49920/49980/50040/50100/50160/50220/50280/50340/50400/50460/50520/50580/50640/50700/50760/50820/50880/50940/51000/51060/51120/51180/51240/51300/51360/51420/51480/51540/51600/51660/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