## SHINGLE COMPARISON

| INFORMATION IS PER SQUARE<br>ONE SQUARE = 100 SQ. FT.<br>( 10' X 10' ) | LIGHT<br>ASPHALT<br>FIBERGLASS | HEAVY<br>ASPHALT<br>FIBERGLASS | CEMENT<br>CLAY TILE | WOOD<br>SHAKES | STEEL<br>SHEETS | SEAMLESS<br>STEEL<br>SHINGLES | REINKE<br>SHAKES<br>SHINGLES |
|--|--------------------------------|--------------------------------|---------------------|----------------|-----------------|-------------------------------|------------------------------|
| COST INSTALLED   | \$375.00                       | \$600.00                       | \$975.00            | \$1,450.00     | \$500.00        | \$900.00                      | \$750.00                     |
| LIFE EXPECTANCY - YEARS  | 8                              | 26                             | 60                  | 12             | 32              | 15                            | 60                           |
| COST/YEAR w/o insurance discount                                       | \$46.88                        | \$23.08                        | \$16.25             | \$120.83       | \$15.63         | \$60.00                       | \$12.50                      |
| WEIGHT PER SQUARE - POUNDS   | 250                            | 400                            | 620                 | 375            | 120             | 97                            | 58                           |
| FIRE RESISTANCE  | Average                        | Good                           | Excellent           | Poor           | Good            | Good                          | Excellent                    |
| FIRE RESISTANCE AFTER 20 YEARS   | Diminishes                     | Diminishes                     | Maintained          | Diminishes     | Maintained      | Maintained                    | Maintained                   |
| WIND RESISTANCE  | Poor                           | Good                           | High                | Good           | Good            | Good                          | Unlimited                    |
| WIND RESISTANCE AFTER 20 YEARS   | Less                           | Less                           | Same                | Less           | Same            | Same                          | Unlimited                    |
| HAIL RESISTANCE AGAINST LEAKAGE  | Poor                           | Good                           | Excellent           | Average        | Excellent       | Good                          | Guaranteed                   |
| HAIL RESISTANCE AFTER 20 YEARS   | Far less                       | Far less                       | Same                | Less           | Same            | Same                          | Same                         |
| THICKNESS  | 0.12                           | 0.21                           | 0.95                | 0.65           | 0.022           | 0.019                         | 0.030                        |
| CUBIC INCHES OF METAL  | N/A                            | N/A                            | N/A                 | N/A            | 395             | 340                           | 570                          |
| SNOW & ICE SHEDDING  | Poor                           | Poor                           | Average             | Poor           | Excellent       | Excellent                     | Excellent                    |
| WALK ON WITHOUT DAMAGING   | No                             | No                             | Probably            | No             | Maybe           | No                            | Yes                          |
| NEED FACTORY TRAINED INSTALLERS  | No                             | No                             | Yes                 | Maybe          | No              | Yes                           | No                           |
| USA O-owned M-Made P-parts   | ?                              | ?                              | ?                   | ?              | ?               | O,M,P?                        | О,М,Р                        |
| ENVIRONMENTALLY FRIENDLY   | No                             | NO                             | Maybe               | Yes            | Yes             | Yes                           | Yes                          |
| ODOR AFTER INSTALLATION  | Yes                            | Yes                            | No                  | No             | No              | No                            | No                           |
| EARTHQUAKE RESISTANCE  | Average                        | Poor                           | Very Poor           | Poor           | Average         | Good                          | Excellent                    |