



**NO FAULT SAFETY SURFACE  
COMPACTED STONE BASE REQUIREMENTS**

1. **DEPTH**  
4" minimum thickness - to be determined by local soil conditions.
  
2. **SLOPE**  
Stone elevation shall maintain slope to drains or toward low end. Base must exhibit positive drainage in all areas.
  
3. **COMPACTION**  
Density requirement is 90% compaction with final condition of stone as level and stable so as not to shift when traveled on or during surface installation process. *A compaction test is required and must be submitted to No Fault Sport Group prior to installation.*
  
4. **POROSITY**  
Stone base course shall maintain porosity for direct drainage. Care must be taken not to choke off porosity.
  
5. **ENCLOSURE**  
Stone base course shall be surrounded by a retaining curb.  
Example #1: For a 2" system, top-of-curb elevation shall be 2" above top-of-compacted stone elevation.  
NOTE: As the No Fault Safety Surface depth changes, so shall the difference between top of curb and top of compacted stone.  
Example #2: If the No Fault Safety Surface is to cover the retaining curb, the compacted stone base shall be flush/even with the top of the curb.
  
6. **DRAINAGE**  
Subsurface drainage is recommended under and around a stone base. Perforated pipe or similar system is acceptable. **Positive drainage in all areas is required.**
  
7. **STONE SELECTION** (It is critical that the use of different stone sizes described below is strictly adhered to).  
Stone shall be uniformly mixed in an approving pugmill or on a mixing table or by other mechanical means (such as quarry blending operations) prior to placement on the subgrade. Test samples will be taken after mixing, and the material shall conform to specified requirements prior to placement on the subgrade. The material shall be wetted during mixing operations if necessary for proper blending.

| <b><u>STONE GRADATION</u></b> | <b><u>U.S. Sieve</u></b> | <b><u>Percent Passing</u></b> |
|-------------------------------|--------------------------|-------------------------------|
|                               | 1"                       | 100                           |
|                               | 3/4"                     | 90 - 100                      |
|                               | No. 4                    | 35 - 60                       |
|                               | No. 30                   | 10 - 30                       |
|                               | No. 200                  | 2 - 9                         |

*NOTE: Although No Fault Sport Group shall advise owner and/or prime contractor if a deficiency in work-by-others is discovered, No Fault accepts no responsibility for work-by-others. It is the owner and/or prime contractor's responsibility to ensure the accuracy of work not executed by No Fault Sport Group. Prime Contractor and Owner agree to release No Fault Sport Group from responsibility to repair defects that are the result of defects in the base/subgrade.*

## Compacted Stone Base Requirements No Fault Safety Surface



### **Description**

Minus 1" Screened Millings are made by processing milled asphalt from road building projects through a 1 inch screen. The resulting 1 inch and smaller product is ideal for constructing a sub-base for playground surfaces when properly prepared with 95% compaction.



### **Description**

Minus 1" Crusher Run Limestone is produced by crushing blasted Limestone and reducing everything to 1 inch and smaller. The result is a highly compactable subbase that is ideal for constructing a sub-base for playground surfaces with 95% compaction as recommended. Its gray color is visually distinct. Crusher Run Limestone is readily available in all areas. Therefore the cost of importing it to your job makes it a little more costly than gravel products.