**سقف بام**

عایق گذاشته میشه و روش کاشی کاری میشه. پس در هزینه ها هم هزینه عایق میشه هم هزینه کاشی کاری. عایق ها و کاشی کاری و اینا در فایل گزینه2 تعریف شده.

Material:NoMass, 1\_RVAL\_3,

Rough,

.05384,

0.9,

0.7,

0.7;

Material:NoMass, 1\_RVAL\_5,

Rough,

.0428,

0.9,

0.7,

0.7;

Construction, 1,

11\_1\_5169,

3\_1\_5135,

عایق,

3\_1\_5134,

1\_1\_10003,

1\_2\_5134,

1\_RVAL\_3,

1\_4\_5128,

1\_RVAL\_5,

1\_6\_66;

Construction, 2,

1\_6\_66,

2\_RVAL\_2,

1\_4\_5128,

2\_RVAL\_4,

1\_2\_5134,

1\_1\_10003

3\_1\_5134,

عایق,

3\_1\_5135,

11\_1\_5169;

Construction, 15,

11\_1\_5169,

3\_1\_5135,

عایق,

3\_1\_5134,

1\_1\_10003,

1\_2\_5134,

15\_RVAL\_3,

1\_4\_5128,

3\_1\_5134,

11\_1\_5169

Construction, 16,

11\_1\_5169,

3\_1\_5134,

1\_4\_5128,

16\_RVAL\_4,

1\_2\_5134,

1\_1\_10003,

3\_1\_5134,

عایق,

3\_1\_5135,

11\_1\_5169;

**بام ها**

بام راه پله که نباید تغییر کنه:

4767\_Roof\_5\_0\_0

BuildingSurface:Detailed,

4767\_Roof\_5\_0\_0, name

Roof, 1, construction name

4767, zone name

Outdoors, ,

SunExposed,

WindExposed,

AutoCalculate,

3,

-5.1307866063, 2.0530473, 8.7999999934,

-1.7508635363, 2.0530475949, 8.7999999934,

-1.7508635351, 2.0740928149, 8.7999999934;

بام یه تیکه خطه نزدیک به اتاق مونا و راه پله که نباید تغییر کنه:

4767\_Roof\_5\_0\_1

BuildingSurface:Detailed,

4767\_Roof\_5\_0\_1,

Roof, 1,

4767,

Outdoors, ,

SunExposed,

WindExposed,

AutoCalculate,

4,

-5.1308026712,-1.49621057, 8.7999999934,

-3.7308026712,-1.4962107308, 8.7999999934,

-1.75086351,-1.4762110651, 8.7999999934,

-5.13080267,-1.47621087, 8.7999999934;

بام توالت:

4779\_Roof\_0\_0\_0

BuildingSurface:Detailed,

4779\_Roof\_0\_0\_0,

Roof, 15,

4779,

Outdoors, ,

SunExposed,

WindExposed,

AutoCalculate,

4,

-3.73080267,-2.9845463, 8.7999999934,

-2.43080267,-2.9845463, 8.7999999934,

-2.43080267,-1.4845463, 8.7999999934,

-3.73080267,-1.49621073, 8.7999999934;

بام حمام:

4786\_Roof\_1\_0\_0

BuildingSurface:Detailed,

4786\_Roof\_1\_0\_0,

Roof, 15,

4786,

Outdoors, ,

SunExposed,

WindExposed,

AutoCalculate,

4,

-5.13080267,-2.9845463, 8.7999999934,

-3.73080267,-2.9845463, 8.7999999934,

-3.73080267,-1.49621073, 8.7999999934,

-5.13080267,-1.49621057, 8.7999999934;

بام حال:

4793\_Roof\_0\_0\_0

BuildingSurface:Detailed,

4793\_Roof\_0\_0\_0,

Roof, 1,

4793,

Outdoors, ,

SunExposed,

WindExposed,

AutoCalculate,

4,

-1.1308026707, 2.0779536994, 8.7999999934,

2.8691973341, 2.1028602459, 8.7999999934,

2.8691973326, 6.0154537013, 8.7999999934,

-1.1308026771, 6.0154536975, 8.7999999934;

بام دیگر حال (چون شکلش مربع نیست خودش انگاری تکه تکه گرفته):

4793\_Roof\_0\_0\_1

BuildingSurface:Detailed,

4793\_Roof\_0\_0\_1,

Roof, 1,

4793,

Outdoors, ,

SunExposed,

WindExposed,

AutoCalculate,

4,

-1.750863507,-1.4762110666, 8.7999999934,

2.8691973355,-1.4195747263, 8.7999999934,

2.8691973341, 2.1028602459, 8.7999999934,

-1.7508635406, 2.0740928056, 8.7999999934;

بام دیگر حال (چون شکلش مربع نیست خودش انگاری تکه تکه گرفته):

BuildingSurface:Detailed,

4793\_Roof\_0\_0\_2,

Roof, 1,

4793,

Outdoors, ,

SunExposed,

WindExposed,

AutoCalculate,

4,

-2.4308026696,-2.9845462957, 8.7999999934,

2.869197332,-2.9845463008, 8.7999999934,

2.8691973315,-1.4195747237, 8.7999999934,

-2.43080267,-1.4845463, 8.7999999934;

بام آشپزخانه:

BuildingSurface:Detailed,

4805\_Roof\_1\_0\_0,

Roof, 1,

4805,

Outdoors, ,

SunExposed,

WindExposed,

AutoCalculate,

4,

-5.1307866097, 2.0530473, 8.7999999934,

-1.13080267, 2.0779537, 8.7999999934,

-1.13080267, 6.0154537, 8.7999999934,

-5.13080267, 6.0154537, 8.7999999934;

بام اتاق زهرا:

BuildingSurface:Detailed,

4813\_Roof\_0\_0\_0,

Roof, 1,

4813,

Outdoors, ,

SunExposed,

WindExposed,

AutoCalculate,

4,

-1.13080267,-5.9845463, 8.7999999934,

2.86919733,-5.9845463, 8.7999999934,

2.86919733,-2.9845463, 8.7999999934,

-1.13080267,-2.9845463, 8.7999999934;

بام اتاق مونا:

BuildingSurface:Detailed,

4820\_Roof\_1\_0\_0,

Roof, 1,

4820,

Outdoors, ,

SunExposed,

WindExposed,

AutoCalculate,

4,

-5.13080267,-5.9845463, 8.7999999934,

-1.13080267,-5.9845463, 8.7999999934,

-1.13080267,-2.9845463, 8.7999999934,

-5.13080267,-2.9845463, 8.7999999934;