

Roof Report

Prepared by Roofr

163 South Mesa Drive, Mesa, AZ 85210

2151 sqft

15 facets

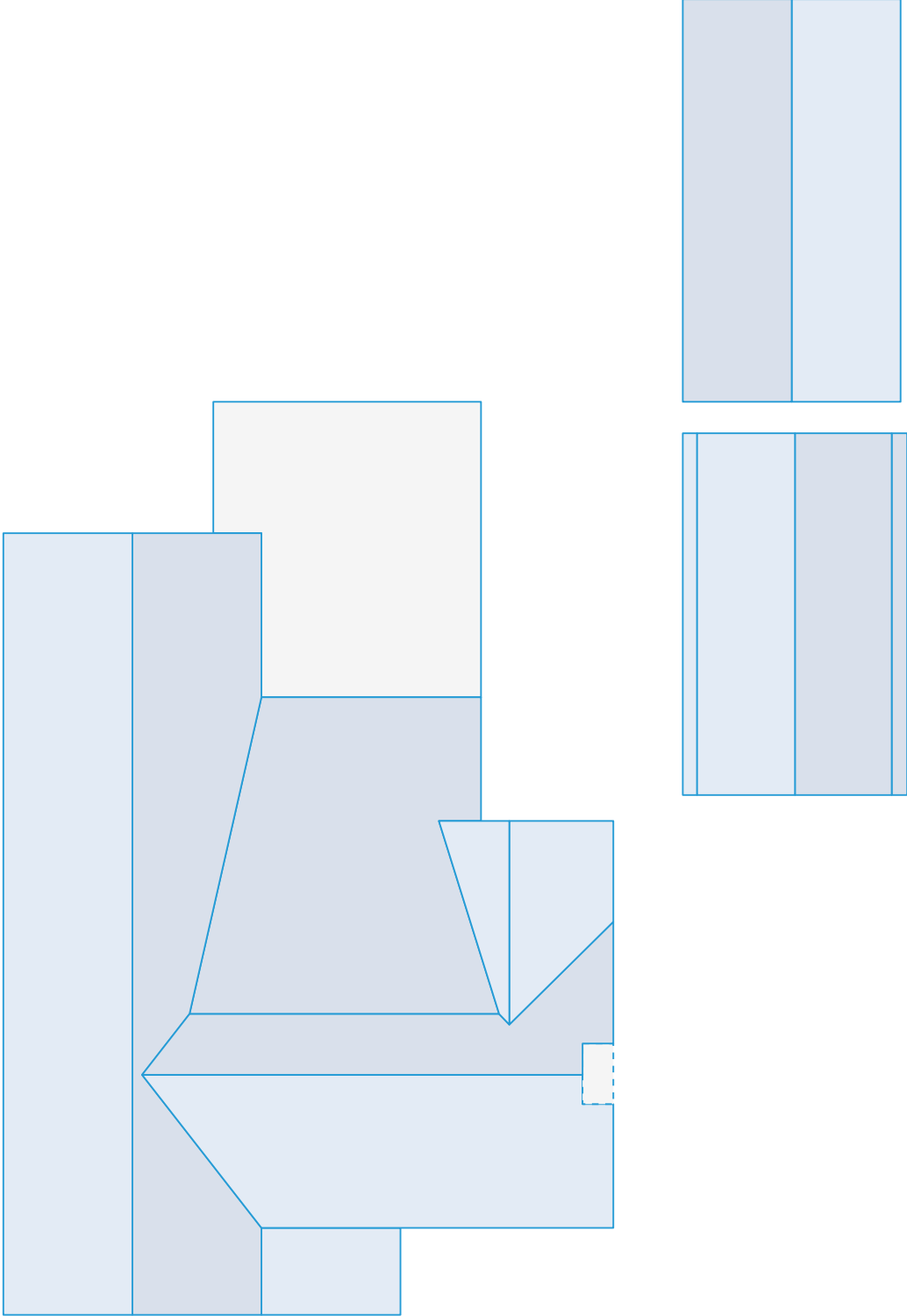
Predominant pitch 12/12



Nearmap May 26, 2023

Diagram

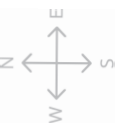
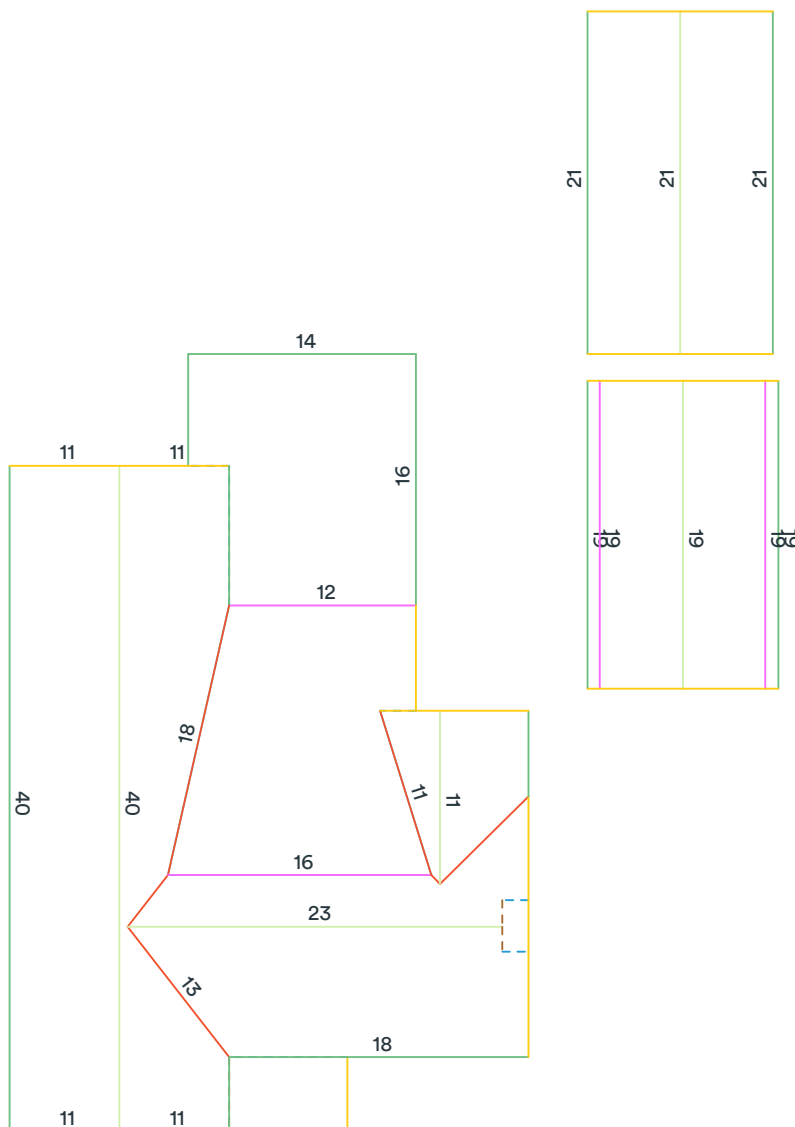
163 South Mesa Drive, Mesa, AZ 85210



Length measurement report

163 South Mesa Drive, Mesa, AZ 85210

- Eaves: 197ft 0in
- Ridges: 112ft 8in
- Step flashing: 9ft 4in
- Unspecified: 42ft 4in
- Valleys: 55ft 10in
- Rakes: 138ft 11in
- Transitions: 64ft 2in
- Hips: 0ft 0in
- Wall flashing: 23ft 4in
- Parapet wall: 0ft 0in



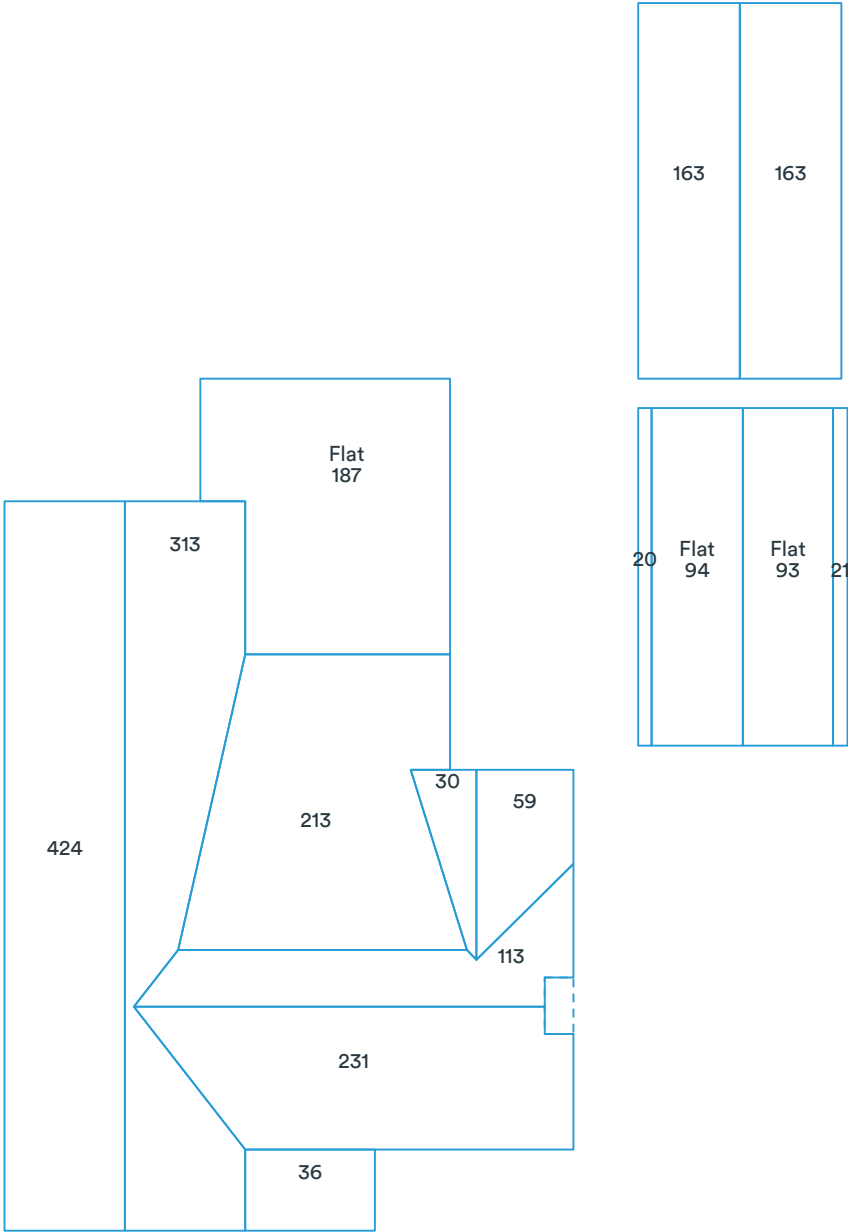
Measurements in diagram are rounded up for display. Some edge lengths may be hidden from diagram to avoid overcrowding.

Area measurement report

163 South Mesa Drive, Mesa, AZ 85210

Total roof area: 2151 sqft
Pitched roof area: 1779 sqft
Flat roof area: 372 sqft
Two story area: 0 sqft
Two layer area: 0 sqft

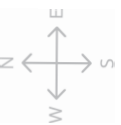
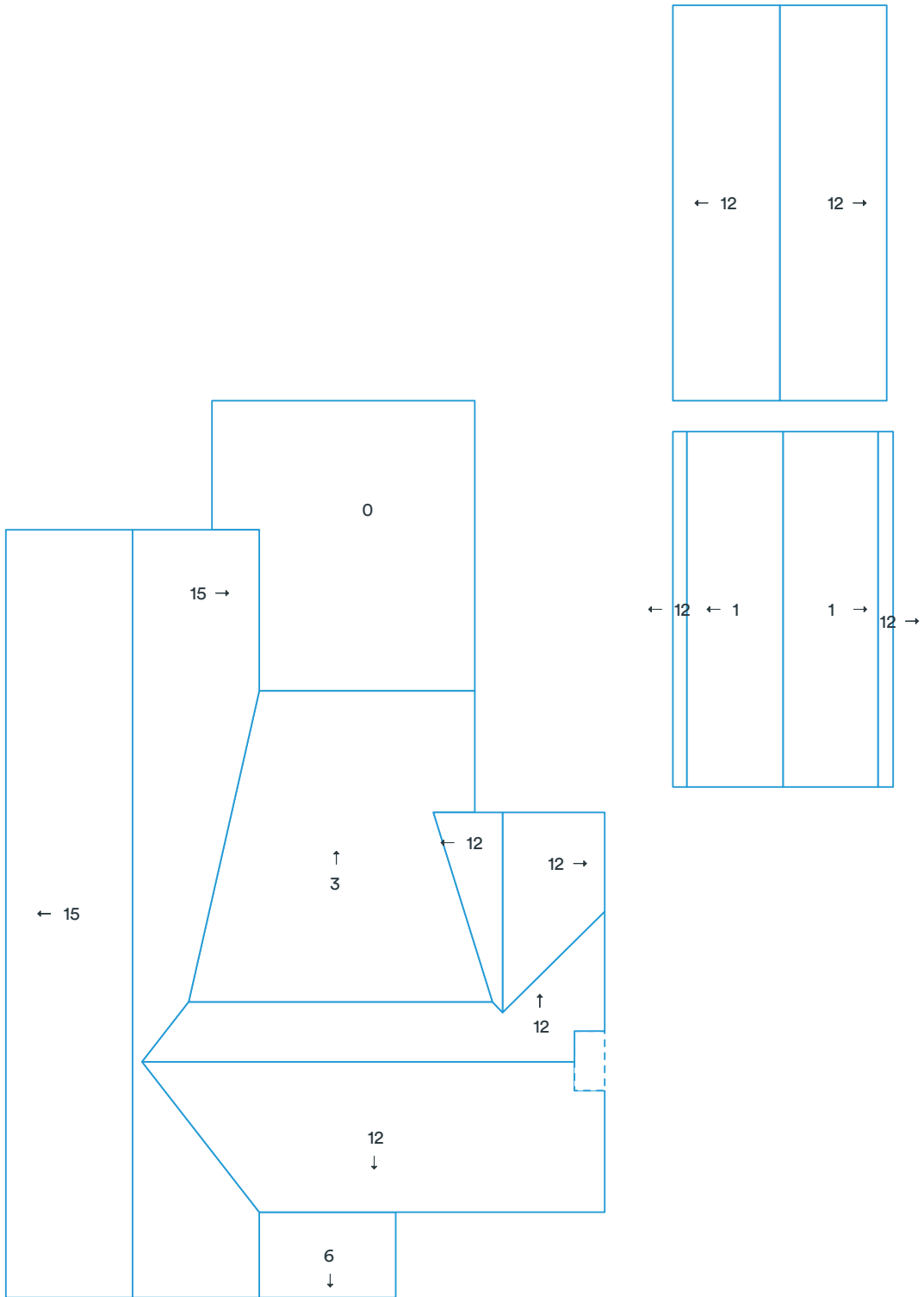
Predominant pitch: 12/12
Predominant pitch area: 796 sqft
Unspecified pitch area: 0 sqft



Area measurements in diagram are rounded. The totals at the top of the page are the sums of the exact measurements, which are then rounded. Deleted facets (skylights, chimneys, etc.) are designated with a dashed line and are excluded from the calculations.

Pitch & direction measurement report

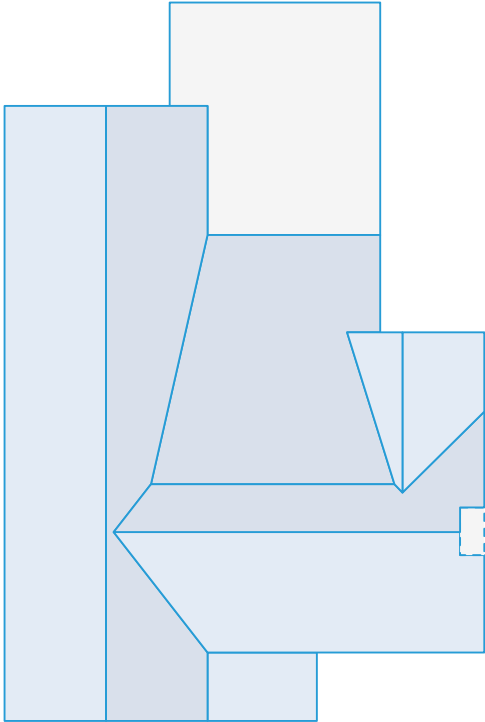
163 South Mesa Drive, Mesa, AZ 85210



Deleted facets are designated with a dashed line and do not have a pitch.

Structure #1 summary

163 South Mesa Drive, Mesa, AZ 85210



Measurements

Total roof area	1601 sqft
Total pitched area	1415 sqft
Total flat area	187 sqft
Total roof facets	9 facets
Predominant pitch	15/12
Total eaves	118ft 9in
Total valleys	55ft 10in
Total hips	0ft 0in
Total ridges	73ft 6in
Total rakes	83ft 0in
Total wall flashing	23ft 4in
Total step flashing	9ft 4in
Total transitions	27ft 1in
Total parapet wall	0ft 0in
Total unspecified	42ft 4in
Hips + ridges	73ft 6in
Eaves + rakes	201ft 9in

Pitch	0/12	3/12	6/12	12/12	15/12
Area (sqft)	187	213	36	431	736
Squares	1.9	2.2	0.4	4.4	7.4

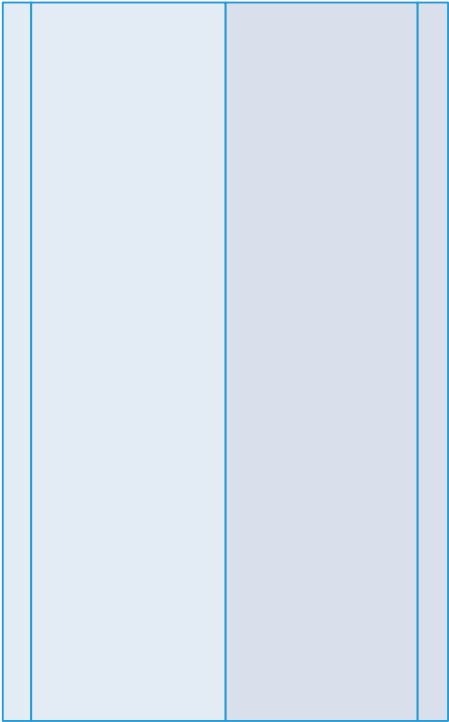
Recommended

Waste %	0%	10%	12%	13%	15%	17%	20%
Area (sqft)	1,602	1,762	1,794	1,810	1,842	1,874	1,922
Squares	16.1	17.7	18.0	18.1	18.5	18.8	19.3

Recommended waste is based on an asphalt shingle roof with a closed valley system (if applicable). Several other factors are involved in determining which waste percentage to use, including the complexity of the roof and individual roof application style. You will also need to calculate the post-waste quantity of other materials needed (hip and ridge caps, starter shingle, etc.).
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Structure #2 summary

163 South Mesa Drive, Mesa, AZ 85210



Measurements

Total roof area	225 sqft
Total pitched area	40 sqft
Total flat area	185 sqft
Total roof facets	4 facets
Predominant pitch	1/12
Total eaves	37ft 1in
Total valleys	0ft 0in
Total hips	0ft 0in
Total ridges	18ft 6in
Total rakes	24ft 4in
Total wall flashing	0ft 0in
Total step flashing	0ft 0in
Total transitions	37ft 1in
Total parapet wall	0ft 0in
Total unspecified	0ft 0in
Hips + ridges	18ft 6in
Eaves + rakes	61ft 5in

Pitch	1/12	12/12
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Area (sqft)	186	40
Squares	1.9	0.4

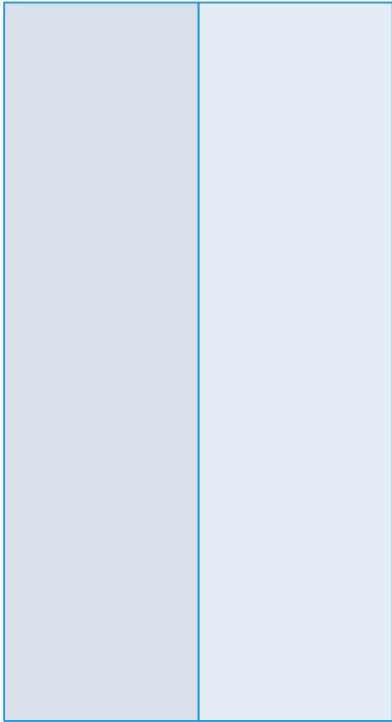
Recommended

Waste %	0%	10%	12%	13%	15%	17%	20%
Area (sqft)	226	248	253	255	259	264	271
Squares	2.3	2.5	2.6	2.6	2.6	2.7	2.8

Recommended waste is based on an asphalt shingle roof with a closed valley system (if applicable). Several other factors are involved in determining which waste percentage to use, including the complexity of the roof and individual roof application style. You will also need to calculate the post-waste quantity of other materials needed (hip and ridge caps, starter shingle, etc.).
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Structure #3 summary

163 South Mesa Drive, Mesa, AZ 85210



Measurements

Total roof area	325 sqft
Total pitched area	325 sqft
Total flat area	0 sqft
Total roof facets	2 facets
Predominant pitch	12/12
Total eaves	41ft 3in
Total valleys	0ft 0in
Total hips	0ft 0in
Total ridges	20ft 7in
Total rakes	31ft 6in
Total wall flashing	0ft 0in
Total step flashing	0ft 0in
Total transitions	0ft 0in
Total parapet wall	0ft 0in
Total unspecified	0ft 0in
Hips + ridges	20ft 7in
Eaves + rakes	72ft 9in

Pitch	12/12
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Area (sqft)	325
Squares	3.3

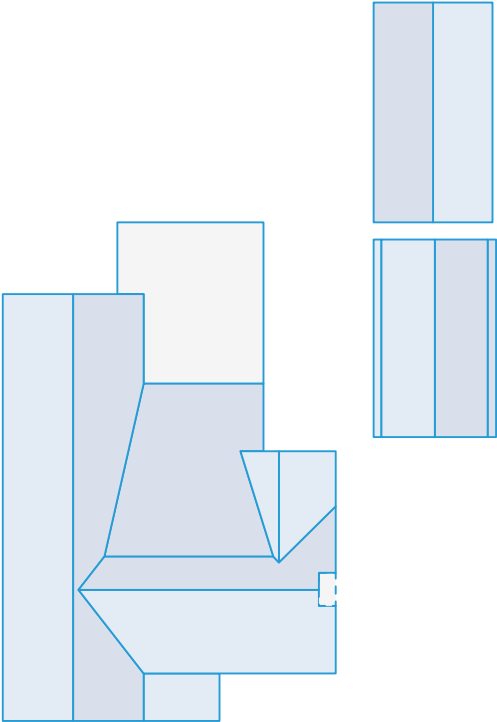
Recommended

Waste %	0%	10%	12%	15%	17%	20%	22%
Area (sqft)	325	358	364	374	381	390	397
Squares	3.3	3.6	3.7	3.8	3.9	3.9	4.0

Recommended waste is based on an asphalt shingle roof with a closed valley system (if applicable). Several other factors are involved in determining which waste percentage to use, including the complexity of the roof and individual roof application style. You will also need to calculate the post-waste quantity of other materials needed (hip and ridge caps, starter shingle, etc.).
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Report summary

163 South Mesa Drive, Mesa, AZ 85210



Measurements

Total roof area	2151 sqft
Total pitched area	1779 sqft
Total flat area	372 sqft
Total roof facets	15 facets
Predominant pitch	12/12
Total eaves	197ft 0in
Total valleys	55ft 10in
Total hips	0ft 0in
Total ridges	112ft 8in
Total rakes	138ft 11in
Total wall flashing	23ft 4in
Total step flashing	9ft 4in
Total transitions	64ft 2in
Total parapet wall	0ft 0in
Total unspecified	42ft 4in
Hips + ridges	112ft 8in
Eaves + rakes	335ft 11in

Pitch	0/12	1/12	3/12	6/12	12/12	15/12
Area (sqft)	187	186	213	36	796	736
Squares	1.9	1.9	2.2	0.4	8.0	7.4

Recommended

Waste %	0%	10%	12%	13%	15%	17%	20%
Area (sqft)	2,152	2,367	2,410	2,431	2,474	2,517	2,582
Squares	21.6	23.7	24.1	24.4	24.8	25.2	25.9

Recommended waste is based on an asphalt shingle roof with a closed valley system (if applicable). Several other factors are involved in determining which waste percentage to use, including the complexity of the roof and individual roof application style. You will also need to calculate the post-waste quantity of other materials needed (hip and ridge caps, starter shingle, etc.).
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Material calculations

163 South Mesa Drive, Mesa, AZ 85210

Product	Unit	Waste (0%)	Waste (10%)	Waste (13%)	Waste (15%)
Shingle (total sqft)		1,780 sqft	1,958 sqft	2,011 sqft	2,047 sqft
IKO - Cambridge	bundle	54	59	61	62
CertainTeed - Landmark	bundle	55	60	62	63
GAF - Timberline	bundle	55	60	62	63
Owens Corning - Duration	bundle	55	60	62	63
Atlas - Pristine	bundle	54	60	61	63
Starter (eaves + rakes)		336 ft	370 ft	380 ft	387 ft
IKO - Leading Edge Plus	bundle	3	4	4	4
CertainTeed - SwiftStart	bundle	3	4	4	4
GAF - Pro-Start	bundle	3	4	4	4
Owens Corning - Starter Strip	bundle	4	4	4	4
Atlas - Pro-Cut	bundle	3	3	3	3
Ice and Water (eaves + valleys + flashings)		286 ft	315 ft	323 ft	329 ft
IKO - StormShield	roll	5	5	5	6
CertainTeed - WinterGuard	roll	5	5	5	6
GAF - WeatherWatch	roll	5	5	5	5
Owens Corning - WeatherLock	roll	4	5	5	5
Atlas - Weathermaster	roll	5	5	5	6
Synthetic (total sqft; no laps)		1,780 sqft	1,958 sqft	2,011 sqft	2,047 sqft
IKO - Stormtite	roll	2	2	3	3
CertainTeed - RoofRunner	roll	2	2	3	3
GAF - Deck-Armor	roll	2	2	3	3
Owens Corning - RhinoRoof	roll	2	2	3	3
Atlas - Summit	roll	2	2	3	3
Capping (hips + ridges)		113 ft	124 ft	128 ft	130 ft
IKO - Hip and Ridge	bundle	3	4	4	4
CertainTeed - Shadow Ridge	bundle	4	5	5	5
GAF - Seal-A-Ridge	bundle	5	5	6	6
Owens Corning - DecoRidge	bundle	6	7	7	7
Atlas - Pro-Cut H&R	bundle	4	4	5	5
Other					
8' Valley (no laps)	sheet	7	8	8	9
10' Drip Edge (eaves + rakes; no laps)	sheet	34	37	38	39

These calculations are estimates and are not guaranteed. Always double check calculations before ordering materials. Estimates are based off of the total pitched area (i.e., flat area is excluded).