

Case Study

For a government building targeting Platinum Sa'fa, the total construction cost for the project is AED 50 million. Total material cost is AED 24,750,000. The project consists of concrete material in which only part of the product complies with regional material requirement. Table 701.07 (1) indicates proportional regional values calculated based on weight for concrete. Table 701.07 (2) lists the regional materials purchased for the project. The Percent Regional Content for the project is 20%, thereby complying with Platinum Sa'fa requirements.

Table 701.07(1): Proportional Regional Values Calculation for Concrete

Material Type		Material Name	Regional Material	Weight kg/m³	Regional Material		% of Total Regional material in (m³)
					Extraction Location	Manufacturing Location	
Cementitious Materials		Portland Cement	Yes	275	Oman	Dubai	14.9%
		GGBS	No	150	Japan	Japan	0.0%
		Micro Silica	No	0	China	China	0.0%
Others	Aggregates	3/4" Cr. Agg	Yes	300	RAK	Dubai	16.3%
		3/8" Cr. Agg	Yes	300	RAK	Dubai	16.3%
	Sand	Dune Sand	Yes	600	RAK	Dubai	32.6%
		3/16" Cr. Sand	Yes	50	Jebel Ali	Dubai	2.7%
	Water	Water	Yes	159	Jebel Ali	Dubai	8.6%
	Admixture	PCE	Yes	0	KSA	Dubai	0.0%
		RH-730	Yes	7	KSA	Dubai	0.4%
Total Weight				1841	Total Regional Material %		91.8%
Material Cost (AED)							3,917,024
Regional Content Value (AED)							3,595,828

Table 701.07(2): Sample Spreadsheet for Regional Content Calculations

Description of Material	Manufacturer or Vendor Name	Country of Origin	Material Cost (AED)	Regional Percentage	Regional Content Value (AED)
Concrete	*****	UAE	3,917,024	91.8	3,595,828
Steel	*****	OMAN	466,666	100	466,666
Pavers	*****	UAE	896,750	100	896,750
Total Regional Content Value (AED)					4,959,244
Total Material Cost (AED)					24,750,000
Percent Regional Content					20%