

Case Study

For a commercial building targeting Golden Sa'fa, total construction cost for the project is AED 41 million. Material cost is computed considering 45% default value i.e. total material cost is $41,000,000 \times 0.45 = \text{AED } 18,450,000$. Table 701.06 (1) lists the materials with recycled content purchased for the project. The percentage of recycled content used for the project is 11%, thereby complying with Golden Sa'fa requirements.

Table 701.06 (1): Sample Spreadsheet For Recycled Content Calculations

Description of Material	Manufacturer or Vendor Name	Material Cost (AED)	Recycled Content (%)	Recycled Content Value (AED)
Readymix Concrete	*****	3,917,024	12.5	489,628
AAC Blocks	*****	1,378,165	5	68,908
Aluminium	*****	259,259	20	51,852
Glass	*****	1,037,036	12	124,444
Steel	*****	4,896,280	27.5	1,346,477
Gypsum board	*****	77,398	15.5	11,996
Total Recycled Materials (AED)				2,093,305
Total Material Cost (AED)				18,450,000
Percent Recycled Content				11.34%

COMPLIANCE DOCUMENTATION

Table 701.06(2): Documents Required

Project Stages	Submittal Documents
Design Permit Application	1.DM BLDG Al Sa'fat declaration.
Construction Completion Application	1. Manufacturer supporting documents for the recycled content of claimed products. 2. Purchase order/delivery notes as a proof of purchase. 3. Report from the consultant indicating the percentage of recycled content.
After Completion	Not applicable.

REFERENCES AND ADDITIONAL INFORMATION