Component Useful Life Matrix

July 1, 2013

UNIVERSITY OF CHICAGO

FS2

Component Life Cycle Schedule





Building envelope component	15	20	25	30	35	40	45	50	
Foundation - structure									+
Below grade (vertical) - waterproofing, insulation									
Below grade (horizontal) - waterproofing , insulation									
Cavity brick on CMU backup									+
- Brick pointing (new)									
- Backup wall (new)									
Brick repairs (renovation)									
Stone repairs (renovation)									
- Point and repair stone walls									
- Copings - cast stone, limestone, terracotta (replacement)									
Steel Frame - heavy metal, exterior									+
Steel Frame - medium metal, exterior									
Exterior sealant									
Exterior metal panels					+				
Expansion joint covers							+		
Wood frame windows									
- Insulating glass units									
Vinyl clad windows									
- Insulating glass units									
Aluminum - curtainwall or storefront									
- Insulating glass units									
Steel - operable or fixed									+
- leaded glass with interior storm panel									

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Building envelope component	15	20	25	30	35	40	45	50	
- Residential									
- Academic									
Door Frame - exterior, wood									
Door Frame - exterior, aluminum									
Door Frame - exterior, steel, painted									
Door - exterior, wood									
Door - exterior, aluminum, glass									
Door - exterior, steel, painted									
Roof - steep, tile									+
- terracotta or slate (new)									+
flashing (now)									
- flashing (new)									
- terracotta or slate w/ flashing									
(selective renovation)									
Roof - metal, copper or painted metal,									
flat seam, non-structural									
Roof - metal, copper or painted metal,									
standing seam, non-structural									+
Roof - low-slope, built-up					+				
Roof - low-slope, EPDM rubber									
Roof - low-slope, modified bituminous									
Roof - thermoplastic									
Roof - chimney, brick or concrete									+
Roof - chimney, clay flue									
noor chiminey, day nue									+
Roof - chimney, steel lined									