

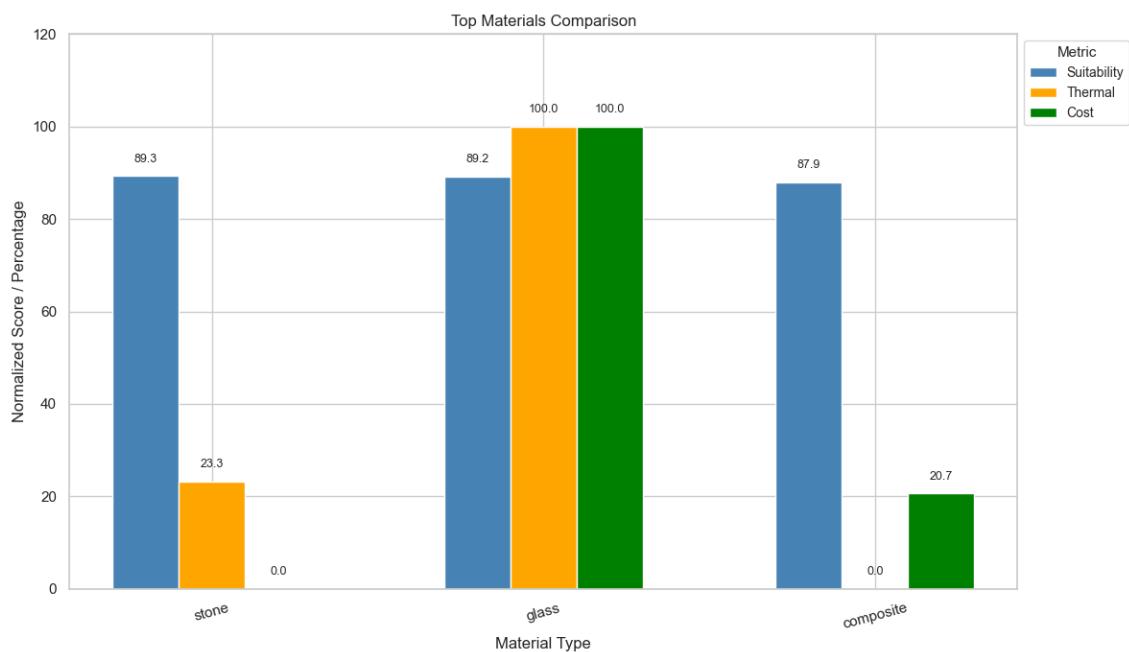
# Facade Material Recommendation

Sustainability Score: 89.34%

Thermal Performance: 0.45

Estimated Cost: 153448.91

| Material  | Score | Thermal | Cost      |
|-----------|-------|---------|-----------|
| stone     | 89.34 | 0.45    | 153448.91 |
| glass     | 89.22 | 0.64    | 210734.89 |
| composite | 87.95 | 0.39    | 165292.61 |



## Top Glass Options (Phase 1)

| Name               | Score | U-Value | SHGC | VLT  | Acoustic | Fire Rating |
|--------------------|-------|---------|------|------|----------|-------------|
| Laminated Clear    | 97.63 | 2.04    | 0.3  | 78.6 | 45       | A1          |
| Laminated Low-E    | 96.49 | 1.35    | 0.24 | 68.5 | 44       | A1          |
| Acoustic Laminated | 92.99 | 1.71    | 0.33 | 69.2 | 39       | C           |
| IGU Low-E          | 92.79 | 1.62    | 0.25 | 67.9 | 34       | C           |
| Tempered Low-E     | 92.65 | 1.03    | 0.22 | 69.6 | 28       | B           |

| Cost | Thickness | Maintenance | Solar Coating | Impact | Environmental |
|------|-----------|-------------|---------------|--------|---------------|
| 224  | 10        | 1           | Yes           | High   | Medium        |
| 175  | 10        | 3           | Yes           | High   | Medium        |
| 256  | 10        | 2           | Yes           | High   | High          |
| 236  | 24        | 1           | Yes           | Low    | High          |
| 217  | 8         | 1           | Yes           | Medium | High          |