



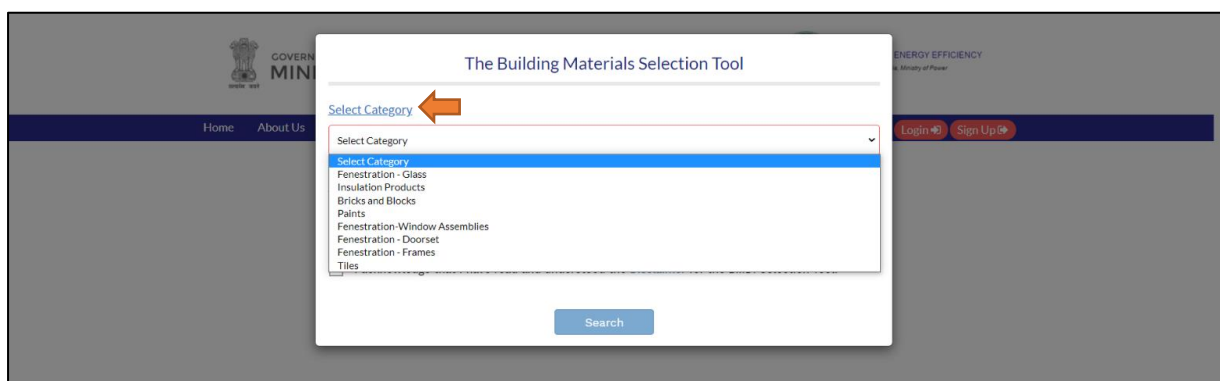
Energy Efficient Building Materials Directory for India

Operation Manual for the 'Selection Tool'

Step 1: Click on "Selection Tool"



Step 2: Select the material category under "Select Category" Option.





Step 3: Select the material “sub-category”

The Building Materials Selection Tool

Select Category
Fenestration

Sub-Category
Select All
SGU (Single Glazed Unit)
DGU (Double Glazed Unit)
TGU (Triple Glazed Unit)
QGU (Quadruple Glazed Unit)
Glass blocks
SELECT ONE OR MORE

Application In
Select Application

I acknowledge that I have read and understood the Disclaimer for the BMDI Selection Tool.

Search

Step 4: Select the state(s)/UT(s) under the “Search By” option.

The Building Materials Selection Tool

Select Category
Fenestration - Glass

Sub-Category
SGU (Single Glazed Unit)

Search By
Products Available in State(S)/uts
Select One or More
Select All
Andaman and Nicobar Islands
Andhra Pradesh
Arunachal Pradesh
Assam
Bihar

Application In
Select Application

I acknowledge that I have read and understood the Disclaimer for the BMDI Selection Tool.

Search

Step 5: Select the “Application in” under the “Search By” option.

The Building Materials Selection Tool

Select Category
Fenestration - Glass

Sub-Category
SGU (Single Glazed Unit)

Search By
Products Available in State(S)/uts
Select All

Application In
Select Application
Select All
Door
Window
Roof

Filter By
Company Name
 Select All
 ooCompany_Name

Search



Step 6: Select the companies under the “Filter By” option and click on the acknowledgement box to activate the “Search” option.

The Building Materials Selection Tool

Select Category
Fenestration - Glass

Sub-Category
SGU (Single Glazed Unit)

Search By
Products Available in State(s)/uts: Select All x
Application in: Select All x

Filter By
Company Name
 Select All
 00Company_Name

Energy Performance Parameter
Visible Light Transmittance (VLT) (%)
 0-0.27 0.27-more

I acknowledge that I have read and understood the Disclaimer for the BMDI Selection Tool.

Search

Step 7: Select the “Products” to compare (up to 3 products).

Home About Us Tool How to Register? Updates Media Gallery Support Login Sign Up

Category
>> Fenestration - Glass
Sub-Category
>> SGU (Single Glazed Unit)

Search By
Products available in State(s)/UTs
>> All states
Application in
>> All applications

Filter By
Company Name
00Company_Name deepak_test_user Studio Knnett
Riya Malhotra Pvt. Ltd
Indian Energy and Environment Council
Riya Malhotra company
Visible Light Transmittance (VLT) (%)

Search Result

Show 10 rows

| Select Products | Product Info | Company | Light Direct Transmittance | Shading Coefficient (SC) | Solar Absorptance | Solar Direct Reflectance - External | Solar Direct Reflectance - Internal | Solar Heat Gain Coefficient (SHGC) | Ultraviolet Transmittance (UV-T) (%) |
|---|--|------------------|----------------------------|--------------------------|-------------------|-------------------------------------|-------------------------------------|------------------------------------|--------------------------------------|
| <input checked="" type="checkbox"/> Product0265 | 5,5,5,5 FENESTRATION - GLASS SGU (SINGLE GLAZED UNIT) | 00Company_Name | - | 0.4 | 0.3 | 0.5 | 0.5 | 0.43 | - |
| <input checked="" type="checkbox"/> Product0266 | FENESTRATION, GLASS, PRODUCT, TESTING1 FENESTRATION - GLASS SGU (SINGLE GLAZED UNIT) | deepak_test_user | - | 0.25 | 0.24 | - | - | - | - |
| <input type="checkbox"/> Product0267 | FENESTRATION, GLASS, PRODUCT, TESTING2 FENESTRATION - GLASS SGU (SINGLE GLAZED UNIT) | deepak_test_user | - | 0.89 | 0.47 | 5.5 | - | - | - |
| <input type="checkbox"/> Product0270 | SINGLE GLAZED UNIT, BLUE, SGU, SGU FENESTRATION - GLASS SGU (SINGLE GLAZED UNIT) | 00Company_Name | - | 0.27 | 0.2 | 0.7 | 0.7 | 0.31 | - |
| <input type="checkbox"/> Product0271 | FG, SGU, BLUE, SINGLE GLAZED UNIT, SINGLE GLAZED UNIT FENESTRATION - GLASS SGU (SINGLE GLAZED UNIT) | 00Company_Name | - | 0.3 | 0.4 | 0.6 | 0.6 | 0.33 | - |
| <input type="checkbox"/> Product0272 | FG, SGU, 3, BLUE, SINGLE GLAZED UNIT, SINGLE GLAZED UNIT FENESTRATION - GLASS SGU (SINGLE GLAZED UNIT) | 00Company_Name | - | 0.25 | 0.6 | 0.8 | 0.7 | 0.28 | - |



Step 9: Click on “Compare” option for comparative analysis of the products and “Download” option to download the data in a spreadsheet.

The screenshot shows a search results interface. On the left, there are filters for Category (Fenestration - Glass), Sub-Category (SGU), and Search By (Products available in State(s)/UTs, Application in). The main area displays a table with columns: Select Products, Product Info, Company, Light Direct Transmittance, Shading Coefficient (SC), Solar Absorptance, Solar Direct Reflectance - External, Solar Direct Reflectance - Internal, and Solar Heat Gain Coefficient (SHGC). Two products are listed: Product0266 and Product0295. Below the table, there are 'Compare' and 'Download' buttons. Arrows point to these buttons from the text above.

| Select Products | Product Info | Company | Light Direct Transmittance | Shading Coefficient (SC) | Solar Absorptance | Solar Direct Reflectance - External | Solar Direct Reflectance - Internal | Solar Heat Gain Coefficient (SHGC) |
|--------------------------------------|---|------------------|----------------------------|--------------------------|-------------------|-------------------------------------|-------------------------------------|------------------------------------|
| <input type="checkbox"/> Product0266 | FENESTRATION-GLASS,PRODUCT,TESTING1 FENESTRATION - GLASS SGU (SINGLE GLAZED UNIT) | deepak_test_user | - | 0.25 | 0.24 | - | - | - |
| <input type="checkbox"/> Product0295 | 1,2,3,4 FENESTRATION- GLASS SGU (SINGLE GLAZED UNIT) | Studio Knett | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0 |

Step 9: Select the climate zone and building typology under “Climate” and “Typology” option and click on “Show Results”

The screenshot shows the filter selection page. It features a header with the Government of India Ministry of Power logo and the Bureau of Energy Efficiency logo. Below the header is a navigation bar with links: Home, About Us, Tool, How to Register?, Updates, Media Gallery, Support, Login, and Sign Up. The main content area has two dropdown menus: 'Climate' (with a placeholder '--Select Climate Zone--') and 'Typology' (with a placeholder '--Select Typology--'). A red 'Show Results' button is located to the right of the dropdowns. Arrows point to the dropdowns and the button from the text above.

The screenshot shows a product comparison page with three product cards. Each card displays 'Product Information' and 'Technical Parameters'. The first card shows a product with a Shading Coefficient (SC) of 0.25 and a Solar Absorptance of 0.24. The second card shows a product with a Shading Coefficient (SC) of 0.27 and a Solar Absorptance of 0.2. The third card shows a product with a Shading Coefficient (SC) of 0.35 and a Solar Absorptance of 0.6. Each card has a 'View Product Page' button at the bottom. Arrows point to the buttons from the text above.

| Product Name | Sub Category | Product Type | Shading Coefficient (SC) | Solar Absorptance | Solar Direct Reflectance - External | Solar Direct Reflectance - Internal | Solar Heat Gain Coefficient (SHGC) | Visible Light Transmittance (VLT) (%) |
|------------------------------|--------------------------|--------------|--------------------------|-------------------|-------------------------------------|-------------------------------------|------------------------------------|---------------------------------------|
| Fenestration, Glass, Prod... | SGU (Single Glazed Unit) | NA | 0.25 | 0.24 | 0 | 0 | 0 | 0 |
| Single Glazed Unit, Blue,... | SGU (Single Glazed Unit) | NA | 0.27 | 0.2 | 0.7 | 0.7 | 0.31 | 50 |
| Single Glazed Unit, Singl... | SGU (Single Glazed Unit) | NA | 0.35 | 0.6 | 0.4 | 0.5 | 0.3 | 40 |



Step 10: Click the “View Product Page” option for the product details.

| Product Name | Sub Category | Product Type | Shading Coefficient (SC) | Solar Absorptance | Solar Direct Reflectance - External | Solar Direct Reflectance - Internal | Solar Heat Gain Coefficient (SHGC) | Visible Light Transmittance (VLT) (%) |
|------------------------------|--------------------------|--------------|--------------------------|-------------------|-------------------------------------|-------------------------------------|------------------------------------|---------------------------------------|
| Fenestration, Glass, Prod... | SGU (Single Glazed Unit) | NA | 0.25 | 0.24 | 0 | 0 | 0 | 0 |
| Single Glazed Unit, Blue... | SGU (Single Glazed Unit) | NA | .27 | .2 | .7 | .7 | .31 | 50 |
| Single Glazed Unit, Singl... | SGU (Single Glazed Unit) | NA | 0.35 | 0.6 | 0.4 | 0.5 | 0.3 | 40 |

Step 11: Click on “Savings Potential”, “Technical Details” and “Other Details” for more information.

| | |
|--------------|-------------------------------------|
| Company Name | deepak_test_user |
| Product ID | 266 |
| Product Name | Fenestration,Glass,Product,Testing1 |



Step 12: Click on highlighted “Company Name” for company details.

| | |
|--------------|-------------------------------------|
| Company Name | deepak_test_user |
| Product ID | 266 |
| Product Name | Fenestration,Glass,Product,Testing1 |

Step 13: Click on “View All” for more information regarding the company’s manufacturing units, regional offices and authorised dealers

Company Details

| | | | |
|-------------------------------------|---|-------------------------|--------------------------|
| Company Name | Deepak_test_user | All Manufacturing Units | View All |
| Address & Contact | Deepak_test_user | All Regional Offices | View All |
| Website | deepak_test_user | All Authorised Dealers | View All |
| Categories of Products Manufactured | Adhesives,Aggregates,Bricks and Blocks,Cladding Products,Fenestration - Doorset | | |