20 Guides to Green Homes
Energy Efficiency

Guide No1: Building Material+Design
Refrigerator 21.48%
Cooking 4.96%
Washing Machine 2.47%
Heating 11.03%
Cooling 44.23%
Entertainment 4.22%
Lighting 7.12%
Others 4.49%
Energy Efficiency

Guide No1: Building Material+Design

Guide No2: Energy Efficient Appliances
Energy Efficiency

Guide No1: Building Material + Design
Guide No2: Energy Efficient Appliances
Guide No3: Energy Efficient Lamp
Energy Efficiency

Guide No1: Building Material+Design
Guide No2: Energy Efficient Appliances
Guide No3: Energy Efficient Lamp
Guide No4: Renewable Energy
Indoor Environmental Quality

Guide No5: Daylighting
Indoor Environmental Quality

Guide No5: Daylighting

Guide No6: Air Quality
Indoor Environmental Quality

Guide No5: Daylighting
Guide No6: Air Quality
Guide No7: Ventilation
Outdoor air → Turbine ventilator

PV system → Inner fan

Induced air flow → stack or ridge ventilation
Indoor Environmental Quality

Guide No5: Daylighting
Guide No6: Air Quality
Guide No7: Ventilation
Guide No8: Acoustic Comfort
Material+Resources (4Rs)

Guide No 9: Reduce Waste
Material + Resources (4Rs)

Guide No 9: Reduce Waste

Guide No 10: Reused Material
Material+Resources (4Rs)

Guide No 9: Reduce Waste
Guide No 10: Reused Material
Guide No 11: Recycle Content/Green Material
Material + Resources (4Rs)

Guide No 9: Reduce Waste
Guide No 10: Reused Material
Guide No 11: Recycle Content/Green Material
Guide No 12: Regional Material
Landscape

Guide No13: Greenscape+Waterscape
Guide No13: Greenscape + Waterscape
Guide No14: Hardscape
Figure 32. Solar reflectivity

Total incoming solar radiation expressed as a percentage (e.g., 100%) or decimal (e.g., 1.0)

Total solar reflection (TSR) expressed as a percentage (e.g., 65%) or decimal (e.g., 0.65)

Colorcoat HPS200 Ultra™

Steel
Guide No13: Greenscape+Waterscape
Guide No14: Hardscape
Guide No15: Home Farming
Guide No13: Greenscape+Waterscape
Guide No14: Hardscape
Guide No15: Home Farming
Guide No16: Composting
Water Efficiency

Guide No17: Rainwater Harvesting
Water Efficiency

Guide No 17: Rainwater Harvesting

Guide No 18: Water Efficient Appliances
Water Efficiency

- Good
- Very Good
- Excellent

Water consumption
Type of product
Brand
Model
Serial No.

The more stars the more water efficient

WATER RATING
Guide No17: Rainwater Harvesting
Guide No18: Water Efficient Appliances
Guide No19: Water Efficient Landscaping
Water Efficiency

Guide No17: Rainwater Harvesting
Guide No18: Water Efficient Appliances
Guide No19: Water Efficient Landscaping
Guide No20: Grey Water Recycling
Thank you