

*At Newmor Wallcoverings, we prioritize not just the aesthetics but also the functionality of our wallcoverings. One crucial aspect to consider in commercial spaces, mandated by the Equality Act 2010, is the Light Reflectance Value (LRV). LRV measures the percentage of visible and usable light reflected from a surface when illuminated by a light source.*

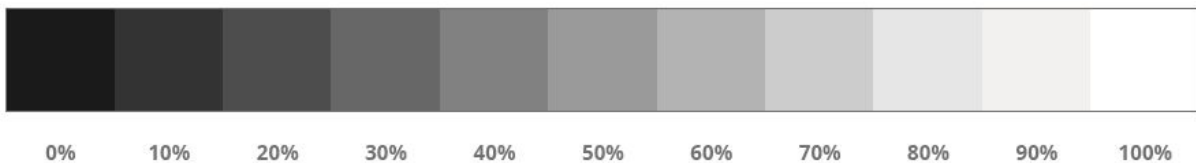
### **Understanding Light Reflectance Values:**

#### **1. Universal Contrast Measurement:**

- LRV is a universal value representing contrast between surfaces.
- It gauges the proportion of useful light reflected by a coloured object, providing a relative light and darkness value rather than specifying an actual colour.

#### **2. LRV Scale (0 to 100):**

- LRV is measured on a scale of 0 to 100, where 0 represents perfect absorbing black, and 100 denotes perfect reflecting white (though perfect objects are rarely found).
- For reference, bright white typically has an LRV of around 85.



#### **3. Contrast Recommendations:**

- A minimum LRV difference of 30 points is advised for adjacent surfaces to ensure effective visual contrast.
- Example: Walls to floor should have a 43-point contrast.

### **Importance of Light Reflectance Values:**

#### **1. Compliance with Regulations:**

- Legislation, particularly the Equality Act 2010, mandates that public buildings adhere to specific regulations for accessibility. The 'Access Statement' requires buildings to provide safe entry, exit, and passage for all individuals, regardless of disability, age, or gender.
- Achieving good visual contrast, measured through LRV, is crucial for meeting these regulations.

#### **2. Equal Access for the Visually Impaired:**

- Visually impaired individuals rely on visual contrast to navigate spaces effectively. LRV ensures that elements such as doorways, fixtures, and fittings exhibit appropriate contrast for improved visibility.
- A minimum LRV difference of 30 points between adjacent surfaces is recommended to facilitate easy navigation for visually impaired individuals.

**Why Contrast Matters:**

- **Enhanced Accessibility:**
  - Over 95% of registered blind individuals retain some degree of color vision. Providing a minimum 30-point LRV difference aids in making spaces more accessible for the visually impaired.
  - Visual contrast is particularly vital in areas such as door faces, floors, ceilings, handrails, sanitary fittings, and stair-treads.

**Ensuring Optimal Visual Contrast:**

- **Examples of Required Visual Contrast:**
  - Door faces and/or frames to walls
  - Floors to Walls
  - Ceilings to Walls
  - Handrails to Walls
  - Sanitary fittings to walls
  - Stair-treads (from front edge corner, 55mm on tread and 55mm down the riser)

*By adhering to these guidelines on Light Reflectance Values, our wallcoverings contribute not only to the visual appeal of commercial spaces but also to their inclusivity and compliance with accessibility regulations.*

*Thank you for choosing Newmor Wallcoverings for your project. If you have any further questions or require assistance in selecting wallcoverings with specific LRV values, please don't hesitate to contact our dedicated sales team.*