

# DIN EN ISO 10545-18:2022-08 (E)

## Ceramic tiles - Part 18: Determination of Light Reflectance Value (LRV) (ISO 10545-18:2022)

---

| <b>Contents</b>           |   | <b>Page</b> |
|---------------------------|---|-------------|
| European foreword.....    |   | 3           |
| Foreword.....             |   | 4           |
| <b>1</b>                  | <b>Scope</b> .....  | <b>5</b>    |
| <b>2</b>                  | <b>Normative references</b> .....   | <b>5</b>    |
| <b>3</b>                  | <b>Terms and definitions</b> .....  | <b>5</b>    |
| <b>4</b>                  | <b>Principle</b> .....  | <b>6</b>    |
| <b>5</b>                  | <b>Apparatus</b> .....  | <b>6</b>    |
|                           | 5.1 Type of instrument.....   | 6           |
|                           | 5.2 Instrument setup.....   | 6           |
|                           | 5.3 Instrument calibration and standards.....                                 | 6           |
| <b>6</b>                  | <b>Preparation of test specimens</b> .....                                    | <b>7</b>    |
|                           | 6.1 Solid coloured tiles.....   | 7           |
|                           | 6.2 Multi-coloured, non-uniform shade, speckled or textured surface tile..... | 7           |
| <b>7</b>                  | <b>Test</b> .....   | <b>7</b>    |
|                           | 7.1 Measurement on solid coloured surfaces.....                               | 7           |
|                           | 7.2 Measurement on multi-coloured surfaces.....                               | 8           |
|                           | 7.3 Measurement on non-uniform shade, speckled or textured surface.....       | 8           |
| <b>8</b>                  | <b>Test report</b> .....  | <b>9</b>    |
| <b>Bibliography</b> ..... |   | <b>10</b>   |