

# fade® acoustic plaster – Material & specification description

## fade® acoustic plaster – PLUS+

### **Acoustic ceiling:**

- Acoustic ceiling must be fade® acoustic plaster – PLUS+.
- Acoustic plaster finish must be sanded fine as the fade® acoustic plaster – PLUS+ finish.
- Seamless acoustic ceiling finish must be sanded fine as the fade® acoustic plaster – PLUS+ finish.

### **Acoustic board:**

- The acoustic board must be produced using a minimum of 70% recycled material and re-used waste products from manufacture. The acoustic board must be made from glass fibre.

### **Acoustic plaster finish / Seamless acoustic ceiling finish:**

- Ultra-smooth, dirt-resistant, anti-static, microporous acoustic plaster finish, two acoustic plaster coats trowelled to a smooth finish and sanded to an ultra-fine finish.
- Acoustic plaster must be the same product for all coats
- Light reflectance of the acoustic plaster must be 81%
- Standard colour of the acoustic plaster must be NCS colour S 0300-N
- Grain size of the acoustic plaster must be no more than 0,7mm
- The acoustic plaster must have achieved the Cradle to Cradle certification on Silver level.
- The acoustic plaster must be able to be mixed with a colour additive before application

### **Indoor climate:**

- Ceilings panels should comply with the French regulation on VOC emissions, A level.
- No growth of mold below 70% RH as per ASTM D3273-16.

### **Life cycle, durability and maintenance:**

- The acoustic plaster must have achieved the Cradle to Cradle certification on Silver level.
- The acoustic plaster finish must not show visible changes in colour when exposed of direct UV as per ASTM G 154-16 & ISO 18314-1, 2015.
- The acoustic plaster finish must not show visible changes in colour or shape when exposed of extreme humidity as per DS/EN ISO 6270-2, 2005 Paint and varnishes.
- The acoustic plaster can be repaired and re-sprayed.

### **Fire rating:**

- A2s1d0 as per ISO EN 13501-1

### **Acoustic Absorption:**

- The ceiling should have a weighted sound absorption coefficient  $\alpha_w$  of minimum 0.8 with 25 mm or 0.9  $\alpha_w$  with 40 mm acoustic board (overall depth of system: 200 mm).

### **Suitable substrates:**

- Regular gypsum wallboard, MF metal drywall grid system 400 mm c/c or similar, concrete, previously painted substrates, timber/steel frame 400 mm c/c.