



**Technical Data**

**Wall Cladding**

**Aluminium:** Hydro 3003 H14

**Chemical composition:** acc. AA

Si	Fe	Cu	Mn	Mg	Cr	Ni	Zn	Ga	V	Ti	Al
max. 0.6	max. 0.7	0.05 – 0.20	1.0 – 1.5	-	-	-	max. 0.10	-	-	-	Rest

(values in weight %)

**Mechanical properties:**

tensile strength(Rm)	yield strength (R <sub>p0.2</sub> )	elongation(A <sub>50</sub> )
MPa	MPa	%
145 - 185	> 125	> 4

**Thickness range:** 1.5 – 4.0 mm

**Thickness tolerance:** +/- 0.12 mm

**Width range:** 1,000 – 2,100 mm

**Width tolerance:** -0 / +3 mm

**Sheet length:** 1,000 – 12,000 mm

**Length tolerance:** -0 / +8 mm

**Properties:**

- Specific weight: 2,700 kg / m<sup>3</sup>
- Modulus of Elasticity: 70,000 MPa
- Good decorative aspects
- Excellent paintability
- Excellent formability (min. bending radius up to 6mm thickness: 2 x t)
- ( t = thickness)