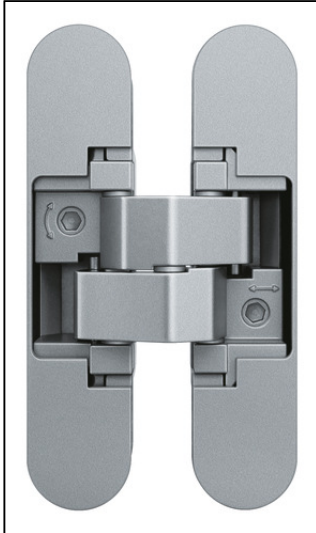




ANSELMi 3D Concealed Hinge – 110 x 24mm – 40Kg – Satin Chrome

Variant code: AN.150.3D.SC

The **ANSELMi 3D Adjustable Concealed Hinge** is a compact, completely concealed hinge system designed for **unrebated residential doors**. Measuring **110 x 24mm** with a **21mm reduced hinge frame part**, it provides a discreet hinge solution with a **load capacity of up to 40kg**, making it ideal for contemporary residential door installations.

Suitable for use with **timber and aluminium frames**, the hinge provides convenient **3D adjustment** for accurate door positioning after installation. Adjustment includes **side +/- 1.5mm**, **height +/- 2.5mm** and **compression +/- 1.0mm**, allowing precise alignment while maintaining the clean appearance of a completely concealed hinge system.

Constructed from **Zamak and acetal**, the hinge combines compact dimensions with practical adjustability and an **opening angle of up to 180°**. The product also carries **UL certification**. The stated **40kg load capacity** is based on the use of **2 hinges per 900 x 2100mm door leaf**.

Product Features

- **Completely concealed hinge system**
- **110 x 24mm** hinge dimensions
- **21mm reduced hinge frame part**
- **Load capacity up to 40kg**
- Designed for **unrebated residential doors**
- Suitable for **timber and aluminium frames**
- Provides convenient **3D adjustment**
- **Side adjustment:** +/- 1.5mm
- **Height adjustment:** +/- 2.5mm
- **Compression adjustment:** +/- 1.0mm
- Constructed from **Zamak / acetal**
- Provides an **opening angle up to 180°**
- **UL certified**

Product Benefits

- **Completely concealed installation** provides a clean and minimalist appearance when the door is closed
- **3D adjustment** enables precise side, height and compression alignment after installation
- **Up to 40kg load capacity** provides dependable support for suitable residential doors
- **21mm reduced hinge frame part** provides a compact installation solution
- Compatible with both **timber and aluminium frames** for greater installation versatility
- **180° opening angle** provides excellent door opening capability where the installation permits
- Designed specifically for **unrebated residential doors**
- **UL certification** provides an independently recognised product quality mark

Technical Characteristics

- **Product Type:** 3D Adjustable Concealed Hinge
- **Material:** Zamak / Acetal
- **Overall Length:** 110mm
- **Door Part Width:** 24mm
- **Frame Part Width:** 24mm
- **Reduced Hinge Frame Part:** 21mm
- **Load Capacity:** Up to 40kg
- **Door Type:** Unrebated Residential Doors
- **Frame Compatibility:** Timber & Aluminium
- **Side Adjustment:** +/- 1.5mm
- **Height Adjustment:** +/- 2.5mm
- **Compression Adjustment:** +/- 1.0mm
- **Minimum Door Thickness:** 33mm
- **Cutter Diameter:** 16mm
- **Collar Ring Diameter:** 27mm
- **Opening Angle:** 180°
- **Certification:** UL Certified
- **Load Capacity Basis:** 2 Hinges Per 900 x 2100mm Door Leaf

Applications

The **ANSELM I 3D Adjustable Concealed Hinge** is designed for **unrebated residential doors** installed into compatible **timber or aluminium frames**. Its combination of a **completely concealed design, 21mm reduced hinge frame part, precise 3D adjustment, 180° opening angle and up to 40kg load capacity** makes it

particularly suitable for contemporary residential interiors where **accurate door alignment, discreet installation and a clean architectural appearance** are required.

Property	Value
Finish	Satin Chrome
Opening angle (°)	180
Load Capacity (kg)	40
Width Door Part (mm)	24
Width Frame Part (mm)	24
Cutter diameter (mm)	16
Collar ring diameter (mm)	27
Min Door Thickness (mm)	33
Overall Length (mm)	110
Certification	UL