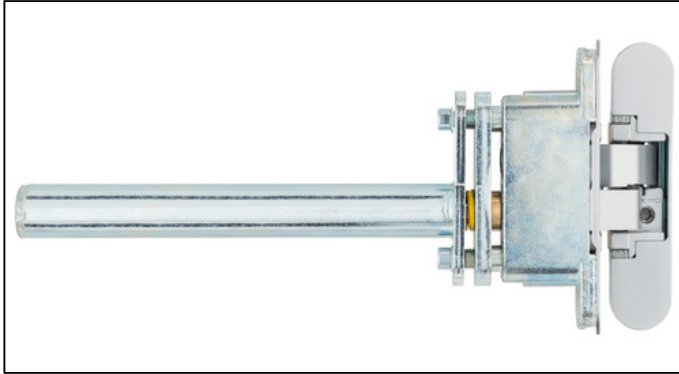




ANSELMi 3D Concealed Hinge Inc Self-closing & Soft Close – 110 x 24mm – 45Kg – Satin Nickel

Variant code: AN.108.3D.SC45.SN

The **ANSELMi 3D Self-Closing Concealed Hinge with Integrated Damping** provides a discreet closing solution for **unrebated residential doors up to 45kg**. Featuring a completely concealed design, it combines an **integrated self-closing mechanism and damping function** within the hinge system, helping deliver controlled door closing without compromising the clean appearance of the door and frame.

Designed for use with **timber and aluminium frames**, the hinge provides **adjustable closing power** that can be set while the door is installed. The closing power of up to **45kg** is based on the use of **one self-closing hinge per 900 x 2100mm door leaf**, providing a purpose-designed solution for suitable residential door installations.

The self-closing hinge must be used in **combination with the specified compatible concealed hinges** and installed at approximately **half the height of the door leaf**, around the same height as the lock. A **magnetic lock is recommended**. With an overall length of **110mm**, **24mm door and frame parts** and an opening angle of **180°**, it provides an integrated approach to concealed door control.

Product Features

- **Self-closing concealed hinge system** with integrated damping function
- **Closing power up to 45kg**
- **Adjustable closing power** while the door is installed
- **Completely concealed hinge system** for discreet installation
- Designed for **unrebated residential doors**
- Suitable for **timber and aluminium frames**
- Overall length of **110mm**
- **24mm door part** and **24mm frame part**
- Suitable for doors with a minimum

- thickness of **32mm**
- Provides an opening angle of up to **180°**
- Manufactured from **zamak**
- Suitable for **right- and left-hand doors**
- Designed to operate with the **specified compatible concealed hinges**

Product Benefits

- **Integrated self-closing and damping functions provide controlled closing within a completely concealed hinge system**
- **Adjustable closing power allows the closing action to be configured after the door has been installed**
- **Completely concealed installation maintains clean, uninterrupted door and frame lines when the door is closed**
- Closing power of up to **45kg** makes the system suitable for appropriately specified residential doors
- Compatibility with both **timber and aluminium frames** provides flexibility across residential door constructions
- **180° opening capability** provides a wide opening range where the surrounding door construction permits
- Combines closing and damping functionality within the hinge arrangement, providing an **integrated door-control solution**

Technical Characteristics

- **Product Type:** Self-Closing Concealed Hinge with Integrated Damping
- **Closing Function:** Self-Closing
- **Damping Function:** Integrated
- **Closing Power:** Up to 45kg
- **Closing Power Adjustment:** Adjustable with Door Installed
- **Overall Length:** 110mm
- **Door Part Width:** 24mm
- **Frame Part Width:** 24mm
- **Minimum Door Thickness:** 32mm
- **Material:** Zamak
- **Opening Angle:** 180°
- **Frame Compatibility:** Timber & Aluminium Frames
- **Door Type:** Unrebated Residential Doors
- **Handing:** Right & Left Hand
- **Standard Cutter Diameter:** 16mm
- **Standard Collar Ring Diameter:** 27mm
- **Closing Power Basis:** One Self-Closing Hinge per 900 x 2100mm Door Leaf

- **Installation Position:** Approximately Half the Height of the Door Leaf, at Around Lock Height

Applications

The **ANSELM I 3D Self-Closing Concealed Hinge with Integrated Damping** is designed for **unrebated residential doors** with timber or aluminium frames where discreet self-closing and damping functionality is required. It must be installed **in combination with the specified compatible concealed hinges**, positioned approximately halfway up the door leaf at around lock height, with a **magnetic lock recommended**. Its adjustable closing power of up to **45kg** makes it suitable for appropriately specified residential door leaves, with the stated closing power based on one self-closing hinge installed on a **900 x 2100mm door leaf**.

Property	Value
Finish	Satin Nickel
Opening angle (°)	180
Width Door Part (mm)	24
Width Frame Part (mm)	24
Cutter diameter (mm)	16
Collar ring diameter (mm)	27
Min Door Thickness (mm)	32
Overall Length (mm)	110