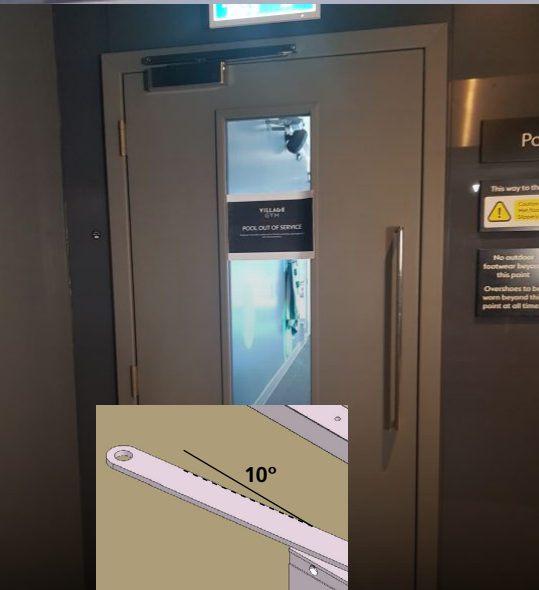


Village Hotel

Location: Bristol Product: TS.11204 Cam Action Door Closer



To overcome the issue preventing the doors being held completely shut, Rutland designers quickly created a modified version of the TS.11204 closer, changing the angle of its closer arm in the 'door closed' position. By increasing the angle from five to ten degrees, sufficient force was applied to ensure that the hotel's doors were held closed – notwithstanding the deeper architraves – and therefore fire safety compliant.

Project description

The 153-bedroom Village Hotel is a recent addition to the growing Village Hotels chain. As its fitting out neared completion, we were contacted by our client, who reported a problem with the doors not being held fully shut by the closers. This would obviously be a fire safety issue and, with 307 doors to fit, was a challenge that needed to be overcome quickly.

Rutland personnel visited the site to diagnose the cause and found that the door architraves were deeper than normal. This extra depth reduced the pre-tension capacity of the closer to hold the door shut.

The solution identified was to increase the angle of the closer arm when the doors were closed from five to ten degrees. Back at Rutland headquarters, this design modification was quickly made to the TS.11204 closer and the revised versions supplied.

They worked perfectly, thereby enabling the hotel to keep the desired door closer specification and know that all its doors were fully fire safety compliant.

Rutland has now applied this modification to all its TS.11204 closers, providing an off-the-shelf solution for projects where the same depth of architrave is encountered, as well as remaining entirely suitable for closing doors set in standard depth architraves.

Rutland TS.11204 Cam action door closer



Third party tested to BS EN1154 and power adjustable EN2-4, the TS.11204 has a slimline construction and temperature stable hydraulic fluid, enabling it to operate effectively in temperatures between -15°C and +40°C.