



HOTEL BUILDING - PEACE IN BUSTLE

Radisson Red, Cape Town

Tourism booms worldwide, especially in popular destinations. New hotels spring up everywhere like mushrooms! This can be seen on the other side of the world too: in Cape Town, at the thrilling port metropolis at the foot of Table Mountain, the Rezidor Hotel Group opened, under the new “Radisson Red” label, a high-profile 4-star hotel with a modern interior. It is a building with challenging requirements: many guests in a small space who need to be catered for, yet wish to enjoy peace and quiet and also need to be able to leave the building quickly in case of emergency. This means that doors are particularly important.

The task.

The “Radisson Red” in Cape Town is a hotel tailored to the needs of discerning guests, with finely tuned door solutions. Due to the exposed port location, sound insulation becomes especially important. The spectacular location in the area of the old grain silos is a new, urban setting, developed in direct vicinity of the port. It has one downside, which is high noise levels during day and night time. The hotel planners chose Teckentrup (Verl) as their universal supplier because firstly, the Verl based enterprise could supply the entire demanded range of services and secondly, proved to be a real partner by giving technical on-site support.



The retractable bottom seal provides smoke protection and improves sound insulation. It is particularly durable as it does not constantly slide over the ground.



Silence, also when closing the door: The specially shaped latch promotes almost noiseless door closing.



252 room doors with closing aid and spy hole — and clear room number.



A 2-leaved fire protection door divides the corridors and indicates the escape route with emergency exit signs in the event of fire.



The solution(s).

Doors with a high level of sound insulation (42 to 44 dB) ensure quiet rooms despite the noisy surroundings. Some suites require an even higher standard: two doors mounted as access doors behind each other to keep out any noise.

All 252 room doors are generally apartment doors with spy hole and retractable bottom seal mounted in corner frames, based on the platform of the FSA 62 with 60 minutes fire resistance according to local standards. Protection on four-start-level: these doors stand up against smoke, noise and fire.

Always the right solution at hand.

Teckentrup door series 42 and 62 (inter alia, T30-1/2 FSA 62, dw42-1/2, dw62-2, object internal doors and swing doors) are used in the Radisson Red, depending on the fire protection rate that had to be covered. Practical advantages such as the easy height adjustment that allows fast and easy installation were further factors for the door selection.



Swing door with bull's-eye: Safe passenger traffic combined with appealing architecture.



Sound insulation par excellence by means of access doors installed behind each other.

With an overall volume of 567 doors it soon became obvious that further criteria have to be met individually. Thus it was necessary to offer the optimal solution for all different requirements:



Glass inserts within the fire protection doors provide a clear view in the corridors.



Fire-protection hatch in Radisson Red.

Despite the many, and partly very different doors, the hotel planners wanted to work with only one supplier. Here, Teckentrup succeeded: Besides the necessary range of products, Teckentrup could score with expert and comprehensive advice.



Functionality prevails here: Engineering rooms are equipped with reliable protection doors.



Multi-purpose doors with ventilation grilles provide safety in the basement.



Even external doors, like the staff entrance, are partly equipped with bull's-eye.



Profile

Data and facts

Builder

Rezidor Hotel Group

Architects

Peerutin Architects

Building contractor

NMC

Interior designer

Source Interior Brand Architecture

Usage

4**** hotel, with 252 studios/ rooms, conference rooms, restaurant

Opening

2017

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