



RKDOORSYSTEMS

Installation Instructions

Congratulations on the purchase of your RK System entrance doorset. We are proud of our doors and they are manufactured to the highest standards and so with careful installation and maintenance your door will look good and perform well for many years to come.

These instructions are designed to ensure your first step is both correct and hassle free. However, your door is a precision made item and we always recommend the use a professional tradesman to maximise it's performance, noting the following points:

- 1** Unpack and check your door carefully (**Fig 1**) ensuring your handles (**Fig 2**), keys (**Fig 3**) and any other accessories are complete. If there are any elements missing you must advise your RK System dealer, **before** commencement of any installation works. Please keep all packaging as this will need to be inspected in the event of a claim arising for transit damage. Please note that claims for missing items and damage will not be accepted once the doorset has been fitted into the opening. Surfaces should be cleaned with neutral cleaning agents, warm soapy water using 5% soap, 95% water (liquid soap) wiping with a damp cloth or approved cleaning solutions supplied with your RK care kit. Do not use abrasive or aggressive cleaners, bleach or other hydrochlorate (chlorine) based cleaners.



Figure 1



Figure 2



Figure 3

- 2** **Protect your door!** During the installation and subsequent construction works the Aluminium should always be protected from Lime and Cement splashes. Stains resulting from these types of building materials often cannot be removed.



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- 3** Determine the finished floor level of the building. This is important as the bottom of the threshold on your RK door is designed to sit at FFL. If you have purchased threshold support material on the underside of your threshold the door support point in the floor zone will need to be lowered to accommodate this (generally 50mm), ensuring the threshold position still remains in line with finished floor level.
- 4** Unlock the door, open to 90 deg and lift the door off the hinges. Remove the door and carefully set aside on insulation or other protective material for hanging later.
- 5** Your door will not be supplied with purpose made fixing brackets, therefore to make the installation as simple as possible you should consider visiting a local building merchants to purchase a stainless steel based flexible fixing bracket or banding.
- 6** Check that there are no bulges in the hinged side of the frame which should have a solid feel and should not easily move in any direction.
- 7** Take the door and re-hang it onto hinges at the 90 deg opening position. Make sure the frame is clear of any debris and dust, particularly in the hinge and threshold areas, before closing the door against the frame. Carefully align the door with the frame and check the shadow joint around the door/frame junction. This should be equal all round with a gap of 6mm (+/- 1mm). The door should close and lock engage without undue force and be flush with the frame on both the inside and outside. If the door is proud at any point the frame may be twisted and should be re-aligned before proceeding any further.
- 8** Check the diagonal dimensions of the door frame to ensure the frame is square then check vertical plumb and fix the brackets to the adjoining walling as per section 4.
- 9** Once the door is mechanically fixed check that the bottom door seals meet the threshold to give a weatherproof seal. If necessary, adjust the hinges to lower or raise the door (see separate sheet for hinge adjustment) to the correct position.
- 10** Once the door is operating satisfactorily, seal the gap between perimeter of the frame and the wall. Depending on the gap size use either pre-formed sealant material (Compriband or similar), silicone sealant or low expansion foam sealant (always keep the door in the closed position until the sealant has fully cured to avoid any movement in the frame).



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