



APPENDIX

APPLICATION OF SAFETY CLASS RC3 FEATURES ON RGS-60 AND RGS-120 ROLLING SHUTTERS





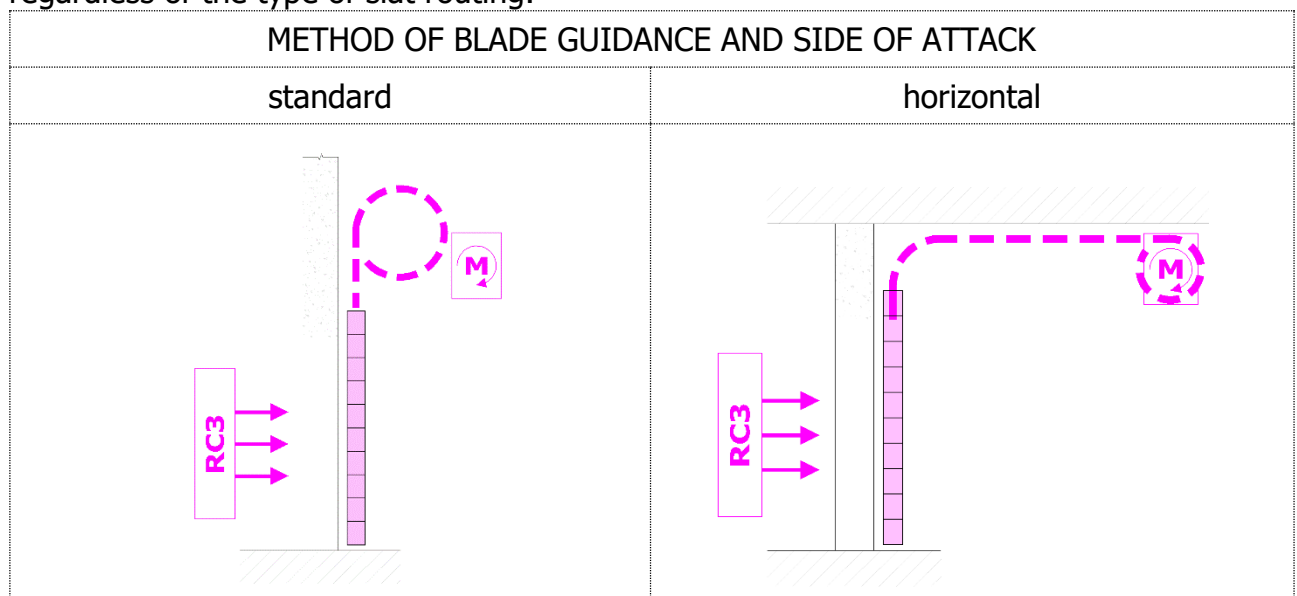
1. INTRODUCTION

1.1 General:

This addendum to the installation instructions addresses specific details of the design of the RGS-60 and RGS-120 rolling shutters and the application of additional parts (hereafter referred to as the RC3 specification) to achieve the safety category RC3 according to EN 1627:2021 RC3.

1.2 Usage:

The method of winding the slats of the rolling shutter has no effect on the use of the RC3 specification. The RC3 specification can be used on RGS rolling shutters with both standard and horizontal slat routing. The attack side of the burglary is always the opening side regardless of the type of slat routing.



2. DESCRIPTION OF RC3 SPECIFICATION COMPONENTS

2.1 Modification of the shutter wing with RC3 specification:

The manufacturer shall ensure that the gate wing is manufactured in accordance with EN 1627:2021 RC3 and the test report. The modification of the wing includes:

- the external cladding of all slats on the attack side shall be made of 1,0 mm thick sheet metal

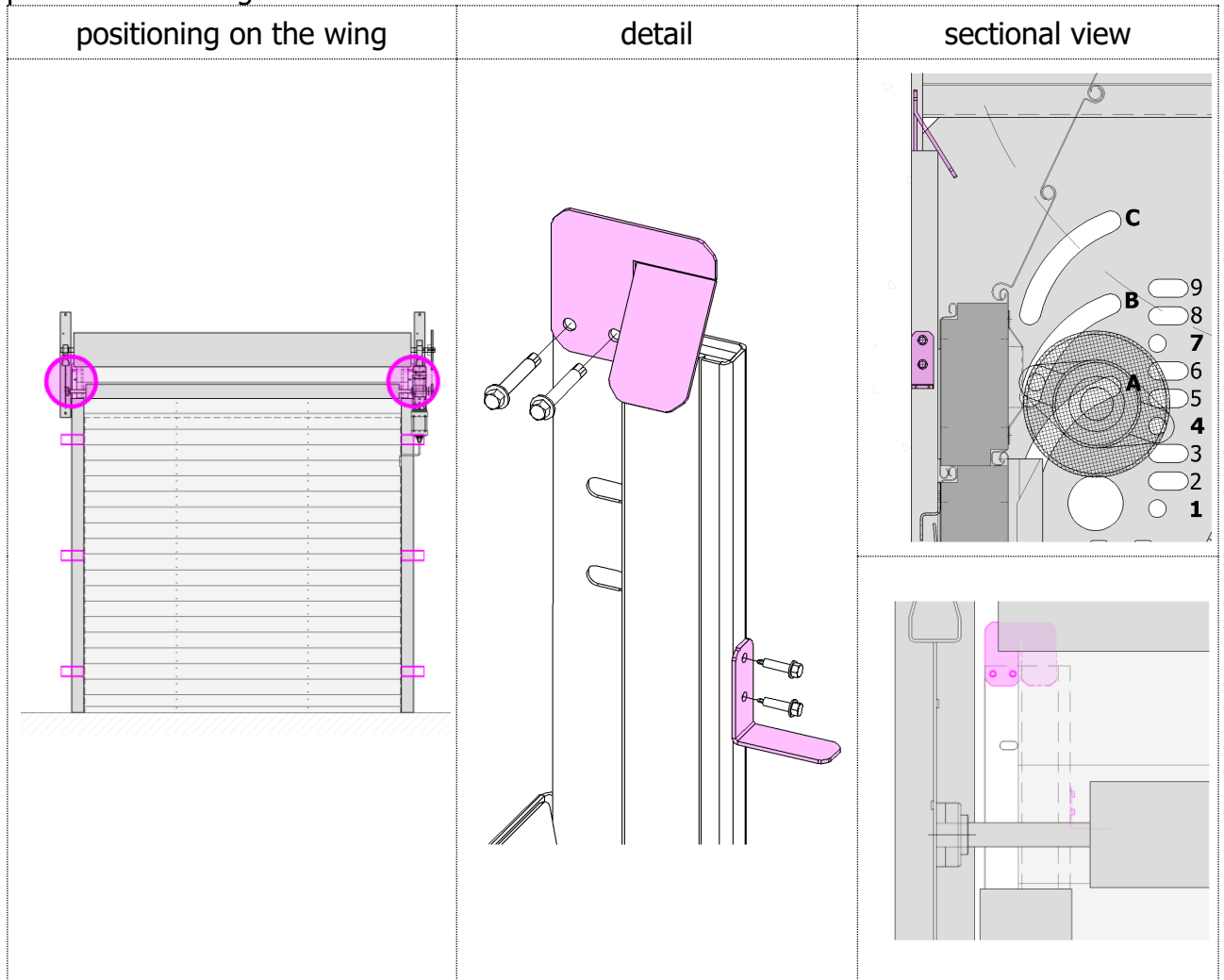
2.2 Installation conditions for a shutter with RC3 specification:

When installing the shutter, specific parts must be installed on the gate guides to prevent the wing from lifting (slat stop and Z-profile stop) or breaking out of the side guide (side guide reinforcement bracket). All these parts must be regularly maintained to ensure their smooth operation.



2.2.1 Slat stop and Z-profile stop:

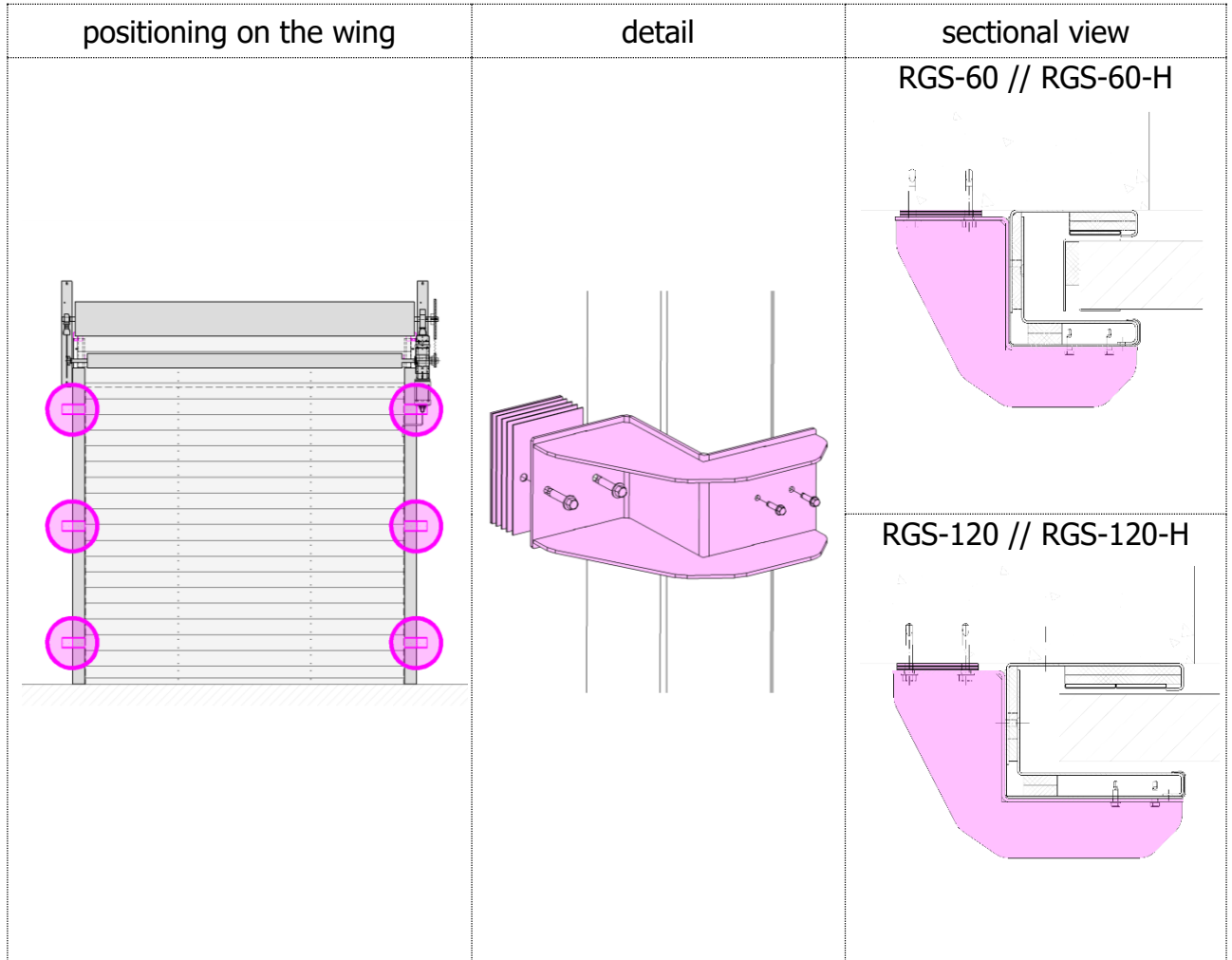
The slat stop and the Z-profile stop are made as bent profiles that are installed on the upper part of both side guides.





2.2.2 Side guide reinforcement bracket:

The brackets, which are installed on both side guides, consist of a bent Z-profile with welded reinforcements and a set of bracket washers, which can be used to position the brackets at the correct distance from the wall in relation to the side guides. The distance between the reinforcement brackets is max. 1.1 m.



3. CONCLUSION

This appendix is an integral part of the RGS assembly instructions in the latest valid version.

