RiveStop System

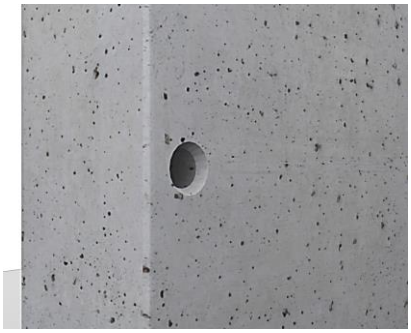
RiveStop™

INSTALLATION MANUAL RIVESTOP

Patented mechanical system for an hermetic and watertight seal of formwork tie holes

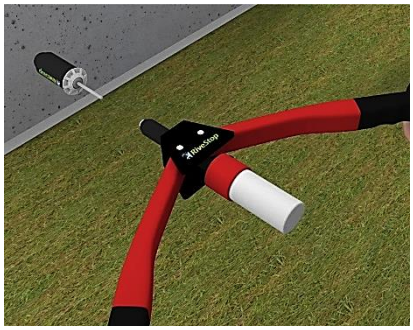
1. INSTALLATION AND APPLICATION – WITH MANUAL RIVETING MACHINE

- Use a manual Hand Riveter Lever type, with 2 long manual arms. Preferably with a container for spent mandrels, for an improved comfort.
- **Use the nozzle with inner diameter ø 3.2 - 3.7mm.**
- Estimated performance per operator: **360 holes / hour.**
- Before installing RiveStop, you must ensure that the appropriate reference for the work has been selected (please see:*"RiveStop Selection Manual")*



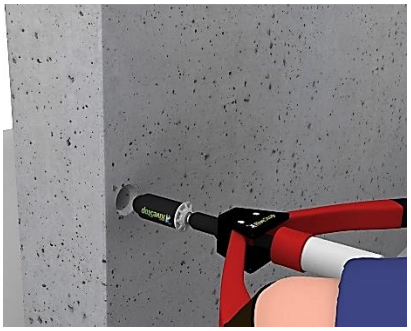
1

Clean the entry of the hole superficially. It must be free of dirt. The hole must have an homogeneous and continuous circular section[1].



2

Insert the RiveStop into the manual riveter with a **nozzle of inner diameter ø of 3.2 - 3.7mm.**



3

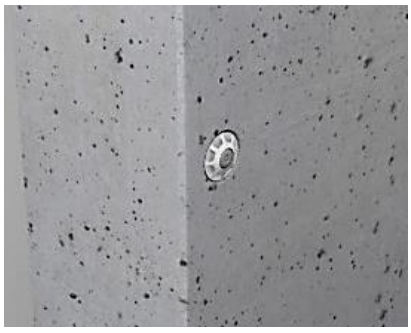
Insert and place the RiveStop into the hole to be sealed.

4

Start riveting until the cut of the rivet's mandrel. You must hear a breaking noise: "Clac!"

5

Keep the riveting action until the mandrel release of itself from the RiveStop.



6

Very easy to oversee and monitor that the holes are correctly placed and sealed with RiveStop, at first glance. There should be no visual pin/mandrel on the piece. If the mandrel is not broken, the RiveStop is not installed[2].

Notes:

1 It is recommendable to form the wall with RivePipe, since it is a formwork conetube aimed to protect the tie rods that is extractable, reusable and recyclable.

2 RiveStop's internal mechanical system is activated only by the riveter, which exerts and controls the exact and constant force for its expansion.

The human factor is not involved. The system adapts of itself continuously to the walls of the hole with uniform and constant pressure, with a seal that lasts **over** time. Therefore, the RiveStop installation is irreversible and can only be removed with the action of a drill.

RiveStop product is manufactured by: Cauchos y Derivados JABE S.L. CIF: B20424040. Trade registry in Gipuzkoa-Spain with Document: 1/1998/4376 diario56 asiento3827 tomo 1181 folio 58 hoja ss-3617

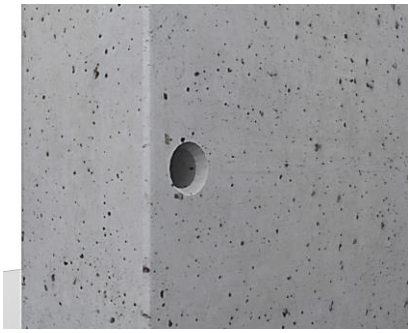
2. INSTALLATION AND APPLICATION – WITH ELECTRIC RIVETING MACHINE

· Use an electric riveting gun with a minimum stroke of 9000N. Preferably with a container for spent mandrels, for an improved comfort.

· **Use nozzle with inner diameter ø 3.2 - 3.7mm.**

· Estimated performance per operator: **500 holes/hour.**

· Before installing RiveStop, you must ensure that the appropriate reference for the work has been selected (please see:*"RiveStop Selection Manual")*



1

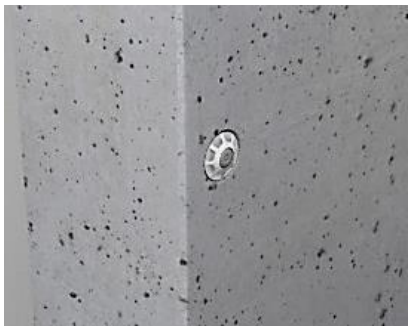
Clean the entry of the hole superficially. It must be free of dirt. The hole must have an homogeneous and continuous circular section[1].

2

Insert the RiveStop into the electric rivet gun with a **nozzle of inner diameter ø of 3.2 - 3.7mm.**

3

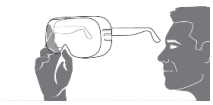
Insert and place the RiveStop into the hole to be sealed.



4

Very easy to oversee and monitor that the holes are correctly placed and sealed with RiveStop, at first glance. There should be no visual pin/mandrel on the piece. If the mandrel is not broken, the RiveStop is not installed[2]

3. HEALTH AND SAFETY



· The use of protective glasses is recommended.

· See document: "*MSDS or safety sheet"* for each tool.