

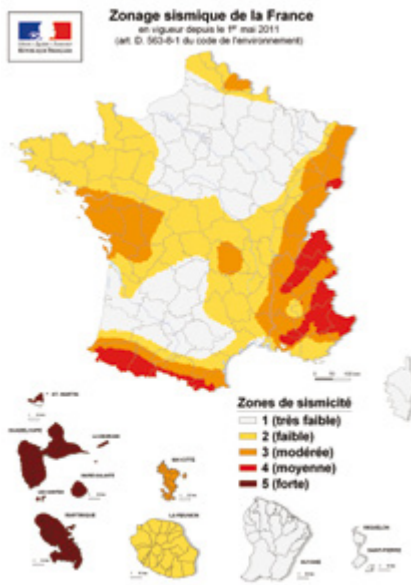
# Options

## Seismic



National regulations define seismic zones, building classes and soil classes. The use of Sadev swivel fitting labeled "seismic" framed areas and building categories defined in the table below. The effects of the seismic action should be taken into account for seismic zones and categories of buildings.

### Extract the French regulation (notebook 3691\_V2 of CSTB)



	CATEGORY OF THE STRUCTURE			
	I	II	III	IV
ZONE 1	without prescription	without prescription	without prescription	without prescription
ZONE 2	without prescription	without prescription	validated *	validated *
ZONE 3	without prescription	validated *	validated *	validated *
ZONE 4	without prescription	validated *	validated *	validated *
ZONE 5	validated *	validated *	validated *	validated *

\* under conditions : the validation according to the zone or category requires a suitable and tested Sadev product.

### Building categories

The seismic location also depends on the type of building. For example, in France :

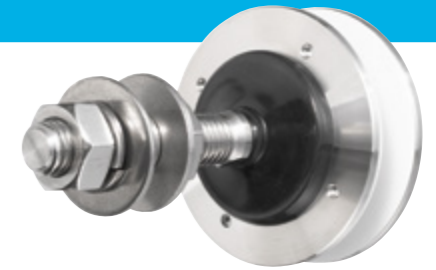
IMPORTANCE CATEGORY OF THE BUILDING	BUILDING TYPE	COEFFICIENT
I	See details in notebook 3691 of CSTB (French Institute)	0.8
II		1
III		1.2
IV		1.4

"Swivel fittings R1001, R1003, R1006, R1008 and spiders S3000, S3001 EVO, S3007 Sadev have successfully passed the seismic tests."



## The Silicone Cover

SADEV provides a protection from elements in the form of a silicone cover. Attention, this cover is not a simple option that you can add later. It is imperative to order a swivel fitting marked «SO» for this option since the swivel body is bigger and the glass nut is accordingly adapted.



## BBR swivel fittings

The swivel fittings R1003BBR and R1039BBR (BBR : Bomb Blast Resistant) were developed for protecting building occupants from blast effects is an international focus of current R&D. In order to allow the construction of safe and secure public buildings, a brand new and effective bolt fixed system has been developed for point fixed glass façades.

High quality, there high performance is confirmed by tests conducted in the UK (100kg of TNT to 25m). They are made in France from 316 stainless steel. The hinge angle at 20° with +/- with SADEV BBR system absorbs the impact of the explosion and deflection.



## Insulating swivel fittings

Solar and thermal characteristics of glazing influence the energy performance of facades. Three components determine the coefficient and bioclimatic needs of a façade: heating, air conditioning and lighting. Sadev offers a range of swivel fitting R1001A, R1003A, R1039 with grommets for producing insulating facades in double or triple glazing.

