# **Fire Resistant Glazing Systems**





## LORIENT FIRE RESISTANT GLAZING SYSTEMS

#### **Glazing seals**

## INTRODUCTION

The Lorient range of fire resistant glazing systems can be used to specify and manufacture glazed doors, screens and partitions, providing from 30 to 120 minutes protection.

A wide range of components has been developed and tested under the conditions of BS 476 Pt 20/22. Full details are available from Lorient.

#### SYSTEM-36

System-36 consists of a U-shaped intumescent gasket with a range of standard glazing beads. Flexible enough to be fitted to curved corners and circular vision panels, a range of sizes are available to suit glass from 4mm to 23mm in thickness.

Special designs can be manufactured for particular applications.



System-321

## FLEXIBLE FIGURE 1

Flexible Figure 1 consists of an intumescent glazing strip with appropriate beads, designed for use with glazed apertures in 30 minute doorleaves.



System-90 PLUS in door leaf using wired glass

## SYSTEM-69

A variant of System-90 PLUS, System-69 is specifically for use with doors and screens whose frame and glazing beads are made of high density mineral composite material.

Contact the Lorient Technical Department for more information.

## THIRD PARTY ACCREDITATION

All Lorient glazing channels have been approved under the CERTIFIRE independent appraisal scheme and have been extensively tested with many different fire resisting glass types; in door leaves and timber or composite framed screens including shared transoms and mullions.



CF184/CF185 CF201/CF202 CF325/CF327



System-36 in door leaf using wired glass

## SYSTEM-63

A variant of System-36 designed specifically for cost-effectively incorporating circular glazed apertures into 60 minute fire resistant doors.

## SYSTEM-321

System-321 is a unique clip-together glazing system, which contains everything required to glaze one aperture in an FD30 door leaf simply, safely and efficiently.



Flexible Figure 1 in door leaf

## SYSTEM-90 PLUS

System-90 PLUS utilises a U-shaped PVC carrier which contains an intumescent core. A secondary intumescent liner and various glazing beads complete the system, which is suitable for glazed doors, screens and partitions.

System-90 PLUS can be supplied in a wide range of standard colours.