

# HY-SPEC® 25

## DESCRIPTION

HY-SPEC® 25 is a neutral cure, solvent free, one part, moisture cure, low modulus hybrid based on Hodgson Hybrid Polymer Technology.

## KEY FEATURES

- Solvent & Isocyanate free.
- Excellent tooling properties.
- Low odour, user friendly.
- High strength & Permanantly flexible.
- High movement capacity.
- Gunnable at +5 to +40°C
- Excellent primerless adhesion to most substrates.
- Low residual tack.
- Weatherable and UV stable.
- Extended open time, for tooling.
- Paintable.
- Excellent storage stability.

## APPLICATION

### PROPERTIES

**Application temperature range:** + 5°C to + 40°C

**Shelf life:** 24 months

**Skimming time:** 55 minutes

**Working time:** 50 minutes

### INSTRUCTIONS

**Surface preparation:** All surfaces must be clean, dry and free from frost, grease and loose materials. Apply primer if required. Most substrates only require priming if testing indicates it is needed. Apply using a skeleton gun into the joint ensuring good contact with surfaces. In situations where an especially neat finish is required, use masking tape to cover the face edges of the joint and remove immediately once tooling has been completed.

**Tooling:** Tool immediately after application, within the working time for the product.

## LIMITATIONS

- Do not use for aquaria construction.
- Do not use with plastics such as; PP, PE, PTFE or other low surface energy materials.
- Not for use with bitumen, marble or natural stone.
- Not suitable for bedding Insulating Glass Units.

## PERFORMANCE

**Classification:** EN15651-1: F-INT-EXT: CLASS-25 LM.

ISO11600 F 25LM

**See DoP No:** DOP2019-1-HYSPEC 25

**Adhesion:** Excellent.

**Movement Accomodation:** ± 25%

**Base technology:** Hodgson Hybrid Polymer.

**Chemical Resistance:** Good

**Curing system:** Moisture Cure

**Hardness:** Shore A = 33 ±5

**Skin formation:** 55 min @ 23°C / 50% RH

**Paintability:** Paintable with most paints, alkyd based paints may exhibit slow curing, water based systems are preferable (testing is recommended).

**Density:** 1.42g/ml

**Curing rate:** 3mm / 24hours

**Tensile strength:** 1.3 N/mm<sup>2</sup>

**Service temperature range:** - 40°C to +80°C

**Slump:** Non-sag

**UV resistance:** Excellent

## USES

- Perimeter sealing of door and window frames.
- Sealing between dissimilar materials such as; uPVC, aluminium, composite and timber frames into masonry, brick and plaster walls.
- Sealing of construction joints where movement can occur.
- Paintable low modulus sealant, for internal and external use.

# HY-SPEC® 25

## EQUIPMENT

A selection of hand & air operated guns are available for cartridge application including a high power type especially suitable for filling deep voids.

## PACKAGING

**310ml cartridges** - 25 per box

**Colour range:** White, Brown, Grey, Black and Anthracite.

## HEALTH AND SAFETY

- Non-flammable.
- Wash hands immediately after use.
- See Product Safety Data Sheet for further information.

## GENERAL

HY-SPEC® 25 is part of a full range of specialty sealants designed for the professional user. For further information please contact our Customer Care Team or visit our Website.

The information given in this product data sheet is based on laboratory tests and experience which we believe to be correct. Properties quoted are typical and do not therefore constitute a specification. In view of the wide range and variability of substrates, we would advise that our product should be tested by the user to establish suitability for its intended application. E &OE.