



ENDURANCE 7062

(Adhesive Polyol A)

TECHNICAL DATASHEET

Rev: 12/24

DESCRIPTION:

Endurance 7062 is a two-part 100% solids polyurethane adhesive system designed to bond expanded polystyrene foam to various surface materials in order to manufacture laminated insulating panels for the cold store and building industries.

Endurance®7062 has been successfully used to bond Chromadek, galvanised steel sheeting, fibreglass, and timber to expanded polystyrene foam to form laminated insulating panels. It has been a trusted choice for flooring installations, for Industrial and Commercial industries.

Count on Endurance® 7062 for reliable and durable adhesive solutions in your flooring projects.

Endurance® 7062 is a castor-oil based filled polyol which when mixed with Endurance® 9010 isocyanate reacts to form a semi-rigid polyurethane adhesive.

As polyurethane foam has a closed cell structure systems can be formulated with limited to no foaming, to ensure a stronger bond between the polyurethane foam and the surface materials.

TYPICAL PROPERTIES:

Polyol:

Appearance	:	Cream fluid paste
Viscosity (mPas) @ 20°C	:	9500 ± 500
Specific Gravity @ 20°C	:	1.70 ± 0.5
OH Value (mg KOH/g)	:	80 ± 10
Acid Value (mg KOH/g)	:	0.06
Water Content (%)	:	0.25 ± 0.05

Iso: Endurance®9010
(Please refer to attached Datasheet)

<u>Recommended Mixing Ratio:</u>	:	100 : 20
	:	5 : 1

*****NB*** A 6 kilogram pack covers 12 to 15 square meters depending on the Porosity screed (Tested on PVC Floor tiles).**

STORAGE RECOMMENDATIONS:

When mixed in quantities larger than a few kilograms, the pot life, while still in the mixing container, will 10 – 15 minutes. If the mixture is spread immediately after mixing, a good bond will still be formed if the surfaces are clamped together within 30 minutes.

Endurance® 7062 is best used between 15 – 25°C. Addition of even small amounts of catalyst will reduce the pot-life which will make the product very difficult to use.

On standing the filler in Endurance®7062 will settle and it will therefore require thorough mixing to achieve a homogeneous dispersion. Otherwise, the product is very stable and presents no health hazard.

HEALTH AND SAFETY ADVICE:

Under normal conditions of use and application of good industrial housekeeping / hygiene this product does not present a significant health hazard. Should the material be splashed on the skin, it should be removed with copious irrigation with clean water followed by washing with warm water and soap. Following eye contamination and copious irrigation with clean water to remove the material from the eyes, the person should be medically examined. Following ingestion, medical advice should be sought.

Also refer to the attached Material Safety Datasheet (MSDS) for handling isocyanates