



TEC™ 159 All Seasons

2 components PU Adhesive for artificial turf

ADVANTAGES

- good stability
- For dry and wet conditions
- flexible adhesive film
- solvent-free
- green colour

USE

Artificial grass floor-covering to be adhered at the seams and at the game line marking on polyester fibre tape (our seaming tapes U or F) for interior and exterior use.

In the event of doubt concerning possible applications, please contact our technical support service first

TECHNICAL DATA

	TEC™ 159 All Seasons	swift@hardener 0381
Base:	Polyurethane	Isocyanate
Colour:	Green	Brown
Density of mixture:	Ca. 1,7 g/cm ³	
Cleaner:	swiftclean® 9694	
Mixing ratio:	100 parts by weight	10 parts by weight
Mixture to be consumed within:	Ca. 50 minutes	
Time to lay-in the floor-covering:	Ca. 60 minutes	
Application method:	Toothed trowel, e.g. TKB/B2-B3 depending on the type of floorcovering backing	
Consumption:	800 - 1000 g/m ² , depending on the type of floor-covering	
Curing time:	Ca. 12 hours	
Shelf life:	Ca. 12 months	Ca. 12 months
Storage conditions:	Well closed at normal, ambient temperature (5-40°C)	Well closed at normal ambient temperature (5-40°C)
Sensitive to cold:	No	Yes
Labelling acc. to regulations for dangerous goods:	None, see safety data sheet	Yes, see safety data sheet

Above mentioned data was made in laboratory, due to a big variety of object-bound application cases, these data should be considered only as a norm

CONDITIONS OF USE

The temperature of the adhesive, the environment, the sub-floor and the floor-covering should ideally be between 10°C and 25 °C.

At lower temperatures (5-10°C), the viscosity increases, and the reaction is slowed down, thus the curing time becomes longer. At higher temperatures (25-35°C), the viscosity of the adhesive decreases. It may appear very liquid; thus a higher amount of adhesive is to be applied. Also, the reaction between the two components is very fast. The pot life is reduced and the installation should proceed very quickly.

The substrates may be moist, but not soaking wet (no running water on the surface). Otherwise the water may create a film forming a barrier between the adhesive and the backing of the turf, preventing the bonding of the turf

INSTRUCTION FOR USE

The surface to be bonded must be cohesive, sound, clean, and free of grease and contaminants.

Mix adhesive and hardener thoroughly to a homogenous mixture with an electric drill. Do not use those parts of the adhesive which stick at the edges. It is better to re-fill the mixture into a clean bucket and stir again well. Do only mix the amount of adhesive which can be consumed within approx. 50 minutes. Higher temperatures accelerate the hardening of the mixture, lower temperatures delay it.

The synthetic turf floor-covering has to be laid on the sub-floor, the seam is to be cut and the floor-covering is to be folded back. The adhesive is to be applied on the polyester seaming tape. The amount of the adhesive depends on the backing structure of the floor-covering.

Right after the adhesive has been applied on the tape, the floor-covering can be installed within approx. 60 min. (23 °C and 65% relative air humidity, freshly made mixture). The installation time depends on the environmental temperature, air humidity and sub-floor temperature. If the floor-covering is installed later than 60 min., the bonding power cannot be guaranteed. After the synthetic turf floor-covering has been installed, please rub it or use a barrel to roll it in. The same procedure applies to the installation of game line marking.

Remarks

Please use swiftclean@9694 to clean tools and adhesive stains before hardening. Already solid adhesive can only be removed mechanically. The hardener is moisture-sensitive, thus the bucket needs to be closed tightly and stored at a dry place.

Wear suitable protection gloves when applying the adhesive because the reacting components of the adhesive deeply penetrate the skin and are difficult to remove. It is recommended to wear protective gloves as both components (A and B) may penetrate the skin pores and are difficult to remove.

This product contains hazardous material. Please pay attention to the safety data sheet.
Do not mix this product with other material unless otherwise stated in this information sheet.
Opened packaging is to be tightly closed and to be consumed as soon as possible.
Please pay attention to the information sheets of auxiliary products.

Relevant norms and regulations of the branch are to be respected.

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