

» EVA SPEZ Materials

» OrtoPed Inc.

MATERIAL		EVA SPEZIAL SANDWICH A (OP-22660)	EVA SPEZIAL SANDWICH B (OP-22661)	EVA SPEZIAL SANDWICH C (OP-22662)	EVA SPEZIAL SANDWICH D (OP-22663)	EVA SPEZIAL SANDWICH E (OP-22664)	EVA SPEZIAL SANDWICH F (OP-22665)	EVA SPEZIAL SANDWICH G (OP-22666)	EVA SPEZIAL SANDWICH H (OP-22667)
THICKNESS		17mm Middle: 10mm Base: 7mm	17mm Middle: 7mm Base: 10mm	10mm Cover: 4mm Middle: 6mm	15mm Middle: 7mm Base: 8mm	17mm Middle: 7mm Base: 10mm	7mm Cover: 4mm Middle: 3mm	15mm Middle: 7mm Base: 8mm	15mm Middle: 7mm Base: 8mm
BODY WEIGHT		Up to 65kg	Up to 85kg	Up to 105kg	Up to 85kg	Up to 85kg	Up to 105kg	Up to 85kg	Up to 105kg
ADAPTED FOOT-BEDDINGS FOR DIABETICS / RHEUMATICS	Up to 65kg	MIDDLE: <i>Highly Elastic</i> BASE: <i>Supporting</i>	—	—	—	—	—	—	—
	Up to 85kg	—	MIDDLE: <i>Highly Elastic</i> BASE: <i>Supporting</i>	—	—	MIDDLE: <i>Highly Elastic</i> BASE: <i>Supporting</i>	—	MIDDLE: <i>Highly Elastic</i> BASE: <i>Supporting</i>	—
	Up to 105kg	—	—	COVER: <i>Forming</i> MIDDLE: <i>Highly Elastic</i>	—	—	—	—	MIDDLE: <i>Highly Elastic</i> BASE: <i>Supporting</i>
INDIVIDUAL INSOLES FOR INTENSE FOOT DEFORMITIES	Up to 65kg	—	—	—	—	—	—	—	—
	Up to 85kg	—	—	—	MIDDLE: <i>Highly Elastic</i> BASE: <i>Supporting</i>	—	—	—	—
	Up to 105kg	—	—	—	—	—	—	—	—

FEATURES

EVA SPEZ. Sandwich Material are layers of ethylene vinyl acetate combined thru a vulcanization process. Vulcanization process: Chemical reaction between ethylene vinyl acetate (EVA) and peroxide which increases the materials elastic properties.

Advantages of vulcanized composite sheets:

- No gluing required due to vulcanization process
- No seam between the two layers, no barrier layer
- No shrinkage of the combined materials when processing
- Smooth transition of layers (the different materials / layers flow into each other)
- Further advantages as compared to glued products: No bubble formation at the joints and no hardening because of the adhesive film

ACTIVATION AND COOLING TIMES

Setting of the heat oven: 130–150 °C. It is a matter of innovation formulations with short activation and cooling times providing maximum cost effectiveness. At a temperature about 130–150 °C, you will get with an optimum warming up in a closed heat source, a core temperature about 110–120 °C.

MATERIAL	THICKNESS	DUROMETER (Shore A)	COLOR	SIZE	ACTIVATION TIME (Approx.)	COOLING TIME
EVA SPEZIAL SANDWICH A (OP-22660)	17mm Middle: 10mm Base: 7mm	Middle: 20 Base: 30	MIDDLE: <i>Light Brown</i> BASE: <i>Medium Gray</i>	900 x 850 mm	7 minutes	14 minutes
EVA SPEZIAL SANDWICH B (OP-22661)	17mm Middle: 7mm Base: 10mm	Middle: 25 Base: 30	MIDDLE: <i>Light Brown</i> BASE: <i>Brown</i>	900 x 850 mm	7 minutes	14 minutes
EVA SPEZIAL SANDWICH C (OP-22662)	10mm Cover: 4mm Middle: 6mm	Cover: 20 Middle: 25	COVER: <i>Light Brown</i> MIDDLE: <i>Pebble Gray</i>	830 x 790 mm	3½ minutes	7 minutes
EVA SPEZIAL SANDWICH D (OP-22663)	15mm Middle: 7mm Base: 8mm	Middle: 20 Base: 50	MIDDLE: <i>Light Brown</i> BASE: <i>Brown</i>	870 x 790 mm	5½ minutes	11 minutes
EVA SPEZIAL SANDWICH E (OP-22664)	17mm Middle: 7mm Base: 10mm	Middle: 25 Base: 40	MIDDLE: <i>Light Brown</i> BASE: <i>Navy Blue</i>	900 x 850 mm	7 minutes	14 minutes
EVA SPEZIAL SANDWICH F (OP-22665)	7mm Cover: 4mm Middle: 3mm	Cover: 20 Middle: 30	COVER: <i>Light Gray</i> MIDDLE: <i>Yellow Orange</i>	990 x 780 mm	3 minutes	6 minutes
EVA SPEZIAL SANDWICH G (OP-22666)	15mm Middle: 7mm Base: 8mm	Middle: 30 Base: 45	MIDDLE: <i>Light Blue</i> BASE: <i>Yellow Orange</i>	870 x 820 mm	5½ minutes	11 minutes
EVA SPEZIAL SANDWICH H (OP-22667)	15mm Middle: 7mm Base: 8mm	Middle: 35 Base: 50	MIDDLE: <i>Turquoise</i> BASE: <i>Light Gray</i>	840 x 780 mm	6½ minutes	13 minutes