AADI INTERNATIONAL

ESD TILES TECHNICAL DATA SHEET

This Product has permanent anti-static function because it uses conductive static network at the interface of plastic particles.

ITEM	STANDARD	INDEX
Size	SJ/T11236-2001	600*600mm
		610*610mm
Thickness	SJ/T11236-2001	2.0 mm
Electrical Resistance	SJ/T11236-2001	EC 2.5*10-1.0*10
Stating Voltage	SJ/T11236-2001	IVI<100V
Static Decay	GJB2605-1996	<= 2 (Sec)
Resistance to Wear	SJ/T11236-2001	<=0.020g/Cm2
Fire Resistance	SJ/T11236-2001	FV-0
Dimensional	Stability En434	>=0.10%
Rate of Damnify Heating	SJ/T11236-2001	<=0.50%
Rate of Changing Heating	SJ/T11236-2001	>=0.20%
Rate of Changing Watering	GB4085-83	<0.15%
Residual Concavity	SJ/T11236-2001	<=0.15
Concavity	SJ/T11236-2001	<=0.30 <=0.60
Color Fastness	ISO 105202	<=6

CARE AND MAINTENANCE

Clean floor by machine-scrubbing with neutral cleaner *(get back to us for the right Cleaner)*. Lightly soiled floors may be damp mopped but also should be periodically machine-scrubbed. Severe soiling or black marking can be removed with floor cleaning machine, synthetic stripping pad and a commercial stripping solution. Clear water rinsing is necessary after any scrubbing or stripping operation to removed all cleaner floor maintenance should apply spray and grinding. If necessary can maintenance the surface of Brick by conductive wax periodically.

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INSTALLATION

ARO-AADI INTERNATIOAL Conductive tile and Static-Dissipative tile should be installed on sub floors that are levered smooth and free of cracks. Residual humidity should be under 2.5% tested with the CM Dumb test. Tiles adhesive and installation site should reach a temperature of at least 18 C at 24 hour before installation and paste the tiles with qualified conductive glue below 10”5 Ohm for further details on installation method.

General Preparation and Conditioning

Read the literature concerning the product description, product limitations, product installation, adhesive information, product maintenance and warranty before installing the tile. All materials including recommended adhesive are to be delivered to the installation location in its original packaging with labels intact. DO NOT stack pallets of material as this will cause damage. Store products in a dry area protected from the weather on a smooth, flat, dry surface with temperatures maintained between 65º F (19º C) and 85º F (30º C). When stacking tiles prior to and during installation, place the tiles face-to-face and sanded back-to-sanded back to prevent the sanded back of the tiles from being contaminated and to protect the product from damage.

Subfloor/Substrate Inspection and Preparation

General

All subfloors/substrates must be inspected prior to installation. All substrates must be clean, smooth, permanently dry, flat, and structurally sound. The substrate must be free of moisture, dust, sealers, paint, & etc. DO NOT use sweeping compounds, solvents, citrus adhesive removers, or acid etching to clean the substrate

Adhesive Information

ARO-AADI INTERNATIOAL Solvent Free ESD Conductive Adhesive

ARO-AADI INTERNATIOAL solvent Free ESD Conductive Adhesive must be used for the installation of ARO-AADI INTERNATIOAL Conductive and Static Dissipative Solid Vinyl Tile. It is a solvent free, non-flammable, high performance Conductive adhesive for indoor installations over porous and non-porous substrates on grade, below grade or above grade

ARO-AADI INTERNATIOAL Static Dissipative Vinyl Tile installation should only be performed with the ARO-AADI INTERNATIOAL 66/67 Solvent Free ESD Conductive Adhesive. Read all installation literature before proceeding. Prior to adhesive application, dry lay the flooring to ensure

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desired aesthetics (refer to 6.1). Follow safety precautions on the adhesive label and Material Safety Data Sheet. Ensure the installation area has adequate ventilation.

Grounding & Grounding Diagram

To ground the conductive flooring to a known ground, use the 1" wide x 0.004" thick x 18" long copper foil strips which are supplied by ARO-AADI INTERNATIOAL. Place approximately 9" of the strip into ARO-AADI INTERNATIOAL Solvent Free ESD Conductive Adhesive while the adhesive is still wet to ensure a 100% transfer to the copper foil backing, under the tile nearest the ground point. ARO-AADI INTERNATIOAL ESD Adhesive must also be applied to the top section of the copper foil strips in order to complete the conductivity and to bond the tile to directly to the copper foil strips. Allow the other half, approximately 9", of the length of the strip to "pigtail" up the wall to permit an electrician to mechanically connect the copper foil to the ground point. If using a specifically supplied ESD facility grounding system, a ground bus bar would be placed near the floor where any ESD ground can be connected.

QUALITY CONTROL

1- Random test for the conductivity, color difference and dimension before delivery.
2- Test each batch of conductive adhesive for electrical resistance before delivery.
3- ARO-AADI INTERNATIOAL representatives are available to provide technical assistance in evaluation of onsite installation condition or to review actual installation techniques**.**

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