



# Acopox 636

Solvent-Free Epoxy Paint

# **Product description**

**Acopox 636** is a chemical-resistant, 2-component solvent-free Epoxy paint product, specializing in coating applications in industrial, commercial and laboratory fields.

After applying **Acopox 636**, the finished surface has a high gloss and high abrasion resistance.

#### **Application range**

- Food, bottled water and garment factories
- Garage, car repair service and parking lot
- Supermarkets, cold storage and wet places
- Laboratories, agencies, academies
- · Showrooms, distribution centers
- Water tanks made of concrete or steel.

#### Advantage

- Easy to construct
- · Safe to use
- · Light odor, Eco-friendly
- No solvent, non-flammable
- · Good adhesion on wet and dry surfaces
- Unaffected by moisture while dry
- · Outstanding chemical resistance
- Can be constructed for domestic water tanks.



Appearance	Colored liquid
Color	Wide range of colors,
	see adchem color chart
Packaging	5 kgs or 20 kgs per set
Material	About 0.17 - 0.18 kg/ m <sup>2</sup> /layer
consumption	Apply at least 2 layers
Expiry date	12 months
Storage	Store in a dry place, preferably in a closed container at 5 to 35°C temperature Avoid direct exposure to sunlight May partially freeze under low temperature for too long.



### **Physical parameter**

+: resistance A: affect D: destroy

Shore A hardness	> 85						
Resistant to traffic wear	Good						
Pedestrian resistance	Very good						
Ability to adhere to surfaces	Good						
Curing parameters (25°C)							
Gelation time	45 minutes						
Time to start drying	8 hours						
Complete dry time	12 hours						

### **Chemical resistance parameters**

Date		1	2	3	4	5	6	7	8	9	10	11	12	13	14
H <sub>2</sub> SO <sub>4</sub>	25%	+	+	+	+	+	+	+	+	+	+	+	+	+	+
H <sub>2</sub> SO <sub>4</sub>	50%	+	+	+	+	+	+	+	+	+	+	+	+	+	+
HCI	18%	+	+	+	+	+	+	+	+	+	+	+	+	+	+
HCI	36%	+	+	+	+	+	+	+	+	+	+	+	+	+	+
HNO <sub>3</sub>	10%	+	+	+	+	+	+	+	+	+	+	+	+	+	+
NaOH	30%	+	+	+	+	+	+	+	+	+	+	+	+	+	+
NaOH	50%	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Acetone		D	D	D	D	D	D	D	D	D	D	D	D	D	D
Ethanol		Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α
Xylene		Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α	Α
Ammonia	5%	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Amonia	25%	+	+	+	+	+	+	Α	Α	Α	Α	Α	Α	Α	Α
Lactic acid	10%	D	D	D	D	D	D	D	D	D	D	D	D	D	D

### **USING INSTRUCTION**

### **Surface preparation**

- The surface must be clean, dry and hard; completely free of impurities such as grease, sand, concrete debris, and clean of previous surface coatings. A cleaning agent should be used for best results.
- Surface must be primed with **Acopox 617** or **Acopox 618** primer to fill the pores on the concrete surface before apply **Acopox 636** paint.

#### Mixing

• Add all component B into the container containing component A and mix well for 3 minutes. Let the mixture rest to dissolve the foam, then gently stir again and apply.

#### Construction

- Wait for **Acopox 617** or **Acopox 618** primer to dry completely, apply **Acopox 636** paint by a roller or paint sprayer over the primer. If applying to walls, paint from top to bottom.
- It is recommended to apply 2 layers of **Acopox 636**, the second layer should be applied after the first layer has dried completely; drying time also depends on humidity and surrounding environment.

#### Safety and health protection

- · Keep out of reach of children
- During construction, do not eat, drink or smoke
- · Wear rubber gloves, boots, glasses, masks and labor protection clothing when working
- · Avoid contact with skin and eyes:
- If contact with eyes: Rinse eyes under continuously running water for at least 15 minutes. Go immediately to the nearest medical facility.
- If in contact with skin: Change into protective clothing and clean skin contact areas with water several times. Clean labor protective clothing before use.

## **Cleanning tools**

- Rinse with toulene or acetone immediately after application
- Once hardened, it can only be removed mechanically.

For any information related to the product, please contact adchem's sales or the technical department.



# adchem Joint Stock Company

Add: 3.11 OT-XO Sunrise City North, 27 Nguyen Huu Tho street,
Tan Hung ward, district 7, Ho Chi Minh city, Vietnam

Tel: (+84) 28 3773 0668

Tax code: 0302749902

Email: info@adchem.vn

Website: www.adchem.vn