

씰링 콤파운드

Class, Division 1, Ex d IIC



Sealing Compound



Quantity Required for Sealing Fittings

Catalogue Size	Weight(g)		
	Vertical	Horizontal	Drain
16 (1/2")	50	40	60
22 (3/4")	70	60	90
28 (1")	120	100	140
36 (1-1/4")	210	190	250
42 (1-1/2")	250	220	280
54 (2")	400	350	430
70 (2-1/2")	700	500	750
82 (3")	1,000	800	1,200
104 (4")	1,800	1,100	1,900

씰링 콤파운드 사용법

1. 사용대상물의 설치를 확인한다.
2. 기구 하부를 세라믹 피팅실로 잘 막는다. (기구와 배관된 전선 틀을 매워 콤파운드가 굳기 전에 기구 밑 또는 옆으로 새어나가는 것을 막는 역할)
3. 콤파운드를 물로 배합하여 봉합용기를 채운다. (콤파운드 : 물의 배합비는 100 : 65 기온과 습도에 따라 비율조정)
4. 콤파운드가 단단히 굳은 후 두께를 조절한다.

주의사항

1. 배합은 깨끗한 물을 사용한다.
2. 용기에 남은 재료는 밀봉 후 건냉장소에 보관
3. 사용 후 남은 배합한 재료는 폐기처분
4. 콤파운드는 단단히 굳어지므로 씰링휫팅류의 사용은 주의 바람

Characteristics of Sealing Compounds

		Characteristics	Remarks
Specific	Power Liquid	2.85	at 20°C
		-	at 20°C
Recommended Proportion of Liquid		44±3	For 100 parts of powder by weight
Setting Time (minutes)	Initial	40-60	
	Final	4-5 (hrs)	
Expansion Ratio as Setting (%)		0.1 - 0.2	
	Bending	50 - 60	
Mechanical Strength (Kg/cm ²)	Compressive	400 - 500	
	Withstand Pressure	Above 50	In vertical type fitting
Heat Resistivity		Stable	
Flammability		None	
Chemical Resistivity	Acid	Fair	Hydrochloric acid, Sulphuric acid (10%)
	Alkali	Not good	Sodium hydroxide (10%)
	Oil, Solvent	Good	Lubricant oil, Alcohol, Gasoline, Benzene, etc...
Corrosiveness	Metal	None	Cast iron, Steel, Copper, Aluminium alloy
	Insulating Material	None	Rubber, Polyvinyl chloride

Supplied with asbestos packing -

This Sealing compound makes a seal of high strength and water-tight. It can be used for all types of sealing fittings, and is especially recommended to use for stopping the water in the **DF** Drain Sealing Fitting.

Instructions

After completion of the wiring and ensuring no fault on the wiring, sealing shall be performed in compliance with the following:

1. Separate each conductor and the inside of sealing fitting as much as possible, and make the sealing dam which prevent the leakage of poured compound by using supplied asbestos packing.
2. Add the solution or water to the powder, mix them sufficiently and pour them into the sealing fittings.
3. When **WSC-1** is used, the ratio of the water in weight shall be 44±3 to 100 powder, and pouring should be done within 20 mixing.
4. After pouring, make sure of hardened condition before closing the filling opening of the sealing fittings.

Attention in Use

1. As **WSC-1** powder is changed in quality by moisture in the air, keep the container tightly closed.
2. Hardened sealing compound has rather high insulation resistance in the dry condition. However, it shall not be used as a insulation material. Never make a seal in the space where splice and branch of conductors are made.
3. Do not add the solution or water after the compound starts hardening. Special attention to be paid that **WSC-1** will not be hardened by such a treatment.