AMEENJI RUBBER PRIVATE LTD

AN ISO 9001 -2015, OHSAS 18001: 2007 CERTIFIED COMPANY

AMEENJI® RUBBER EXPANSION JOINT SYSTEM

INTRODUCTION:

AMEENJI® Rubber expansion joint system is a reinforced molded elastomeric chloroprene rubber the bridge expansion joints are capable of sustaining load and structure movements from 40mm up to 330 mm. The **AMEENJI® Rubber Expansion Joint** are entirely water proof and resistant to ozone and oil.The joints are supplied in standard length modules and assembeled between modules by tongue and grooved interlocking system. The panels fixed by anchor bolts to the deck slab

ADVANTAGES:

AMEENJI® Rubber Expansion Joint system's are entirely water tight ensuring the bridge preservationby protecting the structure from detoriation and also designed for good quality ride and skid resistance that are not hazardous to all road users.

LONG SERVICE LIFE. The tough steel reinforcement and special anti- abrasive rubber used to manufacture Amj-joints has been designed to withstand the impact of heavy traffic , the action of oil grease , the effect of aging due to constant exposure to sun light and temperature change

GUARANTEE

AMMENJI EXPANSION JOINTS are warranted against any defects due to the manufacturing process and raw materials. For correct installation. please refer to the AMJ- EXPANSION JOINT INTALLATION instructions.

QUALITY

AMEENJI expansion joints are designed and manufactured in accordance with the AASHTO, new European standard and also complying with other standard. Every single component is manufactured by fully qualified and trained workers at the factory and supervised regularly by technical staff , and with regular inspection according to EN1337and also under strict ISO9001-2015 quality standard.

MATERIALS

All the expansion joints are manufactured using only high quality materials. The materials used in the molding process will be neoprene.

AMEENJI® RUBBER EXPANSION JOINT PHYSICAL PROPERTIES: The rubber compound shall have the physical properties conforming to the following requirements.

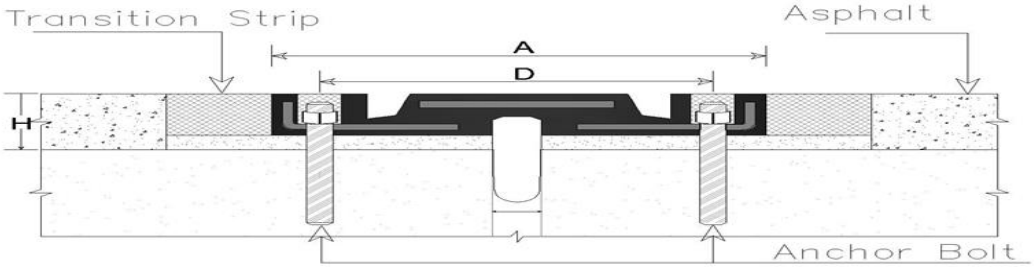
PHYSICAL PROPERTIES	ASTM TEST METHOD	SPECIFICATIONS
Hardness	D 2240	65± 5 Points
Tensile Strength	D 412	16.0 Mpa min
Elongation at Break	D 412	350% min
Ozone Resistance	D 1149	No cracks
Oil swell	D 471	<10%
Compression set	D 375	20% max

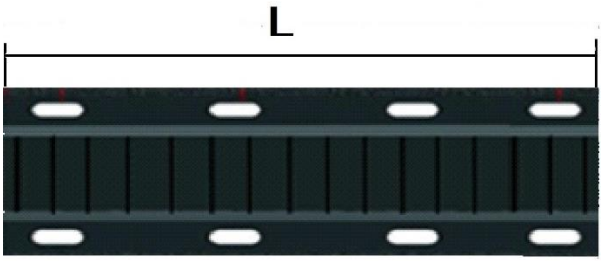
The steel angles embedded in the moulded rubber panels are formed ASTM A36-steel or equivalent.

AMEENJI® RUBBER EXPANSION JOINTS

DIMENSION

Type	Model	A mm	H mm	MODULE LENGTH L- mm	C mm	M BOLT SIZE mm	D mm	Movement range (mm)	Total gap (mm)
AMJ-40		250	36	1800	200	M12X160	190	40(±20)	50
AMJ-50		275	42	1800	200	M14x160	220	50(±25)	70
AMJ-70		358	45	1800	225	M16x180	280	70(±35)	95
AMJ-80		390	55	1800	225	M16x200	300	80(±40)	110
AMJ-100		590	57	1800	225	M18x200	500	100(±50)	150
AMJ- 120		615	64	1800	250	M18x200	520	120(±60)	160
AMJ- 140		660	67	1800	250	M18x200	580	140(±70)	170
AMJ-180		795	82	1800	250	M18x200	695	180(±90)	200
AMJ-200		870	87	1000	250	M20x200	770	200(±100)	230
AMJ-240		900	89	1000	250	M22x250	800	240(±120)	290
AMJ-330		1200	110	1000	250	M25x300	1075	330(±165)	380





AMEENJI® RUBBER EXPANSION JOINTS FIXING MATERIAL		
S. No	Description	Material
1	Transition Strip	Asphaltic polyurethane based mortar
2	Nut	Grade 8.8 Galvanized Steel
3	Washer	Grade 8.8 Galvanized Steel
4	Anchor Bolt	Grade 8.8 Galvanized Steel
5	Chemical Anchoring	Epoxy heavy duty sealant
6	Leveling mortar	High strength non shrink grout
7	Flushing membrane	EPDM
8	Sealant	Self-leveling polyurethane sealant
9	Expansion Joint	AMEENJI® Reinforced Rubber Joint (Neoprene ShA60)

Contact Details

Corporate Office : # 5-5-65/1/a, F-14, S.A. Trade Center First Floor, Raniganj, Secunderabad – 500003, Telagana, India.
Contact Nos: +91-40-40044006, 66322144,66325660, Fax No, +91-4027718681
Email: info@ameenji.net, md@ameenji.net, ameenjirubber@gmail.com,
www.ameenji.net.