

## ENOSH PAINTING

**Complete coverage for All your noise and vibration problems.**

**Enosh Painting as a high performance, viscoelastic coating Used to dampen vibration and reduce unwanted noise.**

**Vibration and noise energy is dissipated throughout the applied surface.**

- Enosh painting is a VOC compliant, water based, non-toxic coating
- Enosh painting has excellent adhesion properties to all surface, including metal, fiberglass, and most plastics.
- Enosh painting is easily applied by using a sprayer, a brush or a roller.
- Clean up is quick with water.
- Use on air ducts, shroud, pump enclosures, engine enclosures, generator covers, sorters, chutes, hoppers, wherever you want to reduce noise.
- Meets or exceeds ASTM E-162, ASTM E-662 and ASTM E84 for surface flammability and smoke density.
- Can be used on all surfaces, including steel, aluminum and fiberglass.
- Will not chip or crack due to expansion or flexing of the substrate to which it is applied.
- Saves labor, space and time.
- Covers 40 to 50 square feet per gallon at approximately 40 mil. thickness.
- Resistant to gas, oil, and most chemicals.
- Dries to a hard surface while retaining excellent elongation.
- Non-flammable, should it come in contact with flame and it's self-extinguishing.
- Dries to light grey color.



Sound recordings were taken with the blanket in place, time and location noted.

The blanket was removed and the panels with Enosh paint installed and the sound readings re-taken from the same time of day



## Measurements of reverberation time

Freq in Hz	Reverberation time RT in sec						
	P@1	P@2	P@3	P@4	P@5	P@6	RT <sub>ave</sub>
63	15.1	6.08	5.22	6.36	5.52	5.49	7.295
80	14.98	5.96	5.1	6.24	5.4	5.37	7.175
100	14.82	5.8	4.94	6.08	5.24	5.21	7.015
125	14.92	5.9	5.04	6.18	5.34	5.31	7.115
160	14.89	5.87	5.01	6.15	5.31	5.28	7.085
200	14.47	5.45	4.59	5.73	4.89	4.86	6.665
250	14.55	5.53	4.67	5.81	4.97	4.94	6.745
315	14.74	5.72	4.86	6	5.16	5.13	6.935
400	14.32	5.3	4.44	5.58	4.74	4.71	6.515
500	14.56	5.54	4.68	5.82	4.98	4.95	6.755
630	14.52	5.5	4.64	5.78	4.94	4.91	6.715
800	14.5	5.48	4.62	5.76	4.92	4.89	6.695
1000	14.49	5.47	4.61	5.75	4.91	4.88	6.685
1250	14.43	5.41	4.55	5.69	4.85	4.82	6.625
1600	14.21	5.19	4.33	5.47	4.63	4.6	6.405
2000	14.18	5.16	4.3	5.44	4.6	4.57	6.375
2500	14.15	5.13	4.27	5.41	4.57	4.54	6.345
3150	14.07	5.05	4.19	5.33	4.49	4.46	6.265
4000	14.04	5.02	4.16	5.3	4.46	4.43	6.235
5000	14.04	5.02	4.16	5.3	4.46	4.43	6.235
6300	13.98	4.96	4.1	5.24	4.4	4.37	6.175
8000	13.95	4.93	4.07	5.21	4.37	4.34	6.145

## Allowable tolerance of reverberation time

Table 2 gives the maximum limits for the reverberation time at different frequencies in the testing room according the curve in figure 4

Freq. in Hz	100	125	160	200	315	400	500	500-2000	Total NRC
Required max values of RT	0.14	0.6	0.96	0.92	0.83	0.79	0.75	0.75	0.7