





concrete elements depends on daily and year-round changes in the relative humidity of the surrounding environment during operation in Central Asia. The maximum deformation value is 5:00 pm, with the minimum deformation at 4-6 in the morning. The maximum value of the deformation during the year is in the summer and the minimum is in winter.

The results of the experimental tests show that when calculating the reinforced concrete structures it is necessary to take into account the increase in the deformation of the rigidity and the conditions of concrete slabbing, seasonal preparation and use of the element. From the experience, it is shown that the threshold value of winter deformation of concrete is 10% lower than in summer and 25% is lower than in summer. Scientific studies are required for the successful use of reinforced concrete structures by ceramic concrete. [6].

It is important to take into account the urgency of the investigation in the large-scale use of lightweight concrete concrete with a special focus on dry hot climates.

2. The use of new effective composite materials and designs for the technical improvement of the construction industry in large-scale construction works in our country requires improvement in the production of high-quality and reliable products.

3. One of the most important technical advances in construction is the use of composite fittings in place of steel fittings, thus reducing the weight of buildings and structures.

4. Recently, special attention is paid to the characteristic features of concrete at high temperature and low humidity as a design in dry hot climates.

5. Temperature moisture deformation of aggregate reinforced concrete elements depends on daily and year-round changes in the relative humidity of the surrounding environment during operation in Central Asian climates.

6. Analysis of the work done shows that, based on the data obtained, it is necessary to consider the physical and mechanical properties of concrete in dry hot climates when designing and calculating reinforced concrete structures.

## References:

1. Bazhenov, Yu.M. Technology Concrete / Yu.M. Bajenov.-M.:ASV,2002.500 pp.
2. Zvezdov, AI. Technology in concrete and jelezobetona в вопросах и ответах / AI. Zvezdov, L.A. Malinina, I.F. Rudenko. - M. : NIIJB 2005.
3. Batrakov, V.G. Modifitsirovannye betony. Theory and Practice / V.G. Batrakov. - M. : Stroyizdat, 1998. - 768 pp.
4. Bajenov, Yu.M. Modifitsirovannye vysokokachestvenny betony / Yu.M. Bajenov, V.S. Demyanova, V.I. Kalashnikov. - M. : ASV, 2006. - 368 pp.
5. Corrosion concrete and jelezobetone, method of ix zashchity / V.M. Moskvina [i dr.]. - M. : Stroyizdat, 1980. - 536 pp.
6. Djuraevna T. N. Installing power collectors in repair of effective buildings //ACADEMICIA: An International Multidisciplinary Research Journal. – 2020. – T. 10. – №. 5. – С. 823-826.
7. Teshaboeva ND A method for determining the capillary permeability of concrete in a dry hot climate // EURASIAN UNION OF SCIENTISTS (ESU). - 2019. -- S. 70.